COUNTY OF CLACKMANNAN

Health Department

ANNUAL REPORT

for the year

1959

by the

COUNTY MEDICAL OFFICER OF HEALTH,

COUNTY SANITARY INSPECTOR

and

COUNTY WELFARE OFFICER.

To the Department of Health for Scotland,
the County Council of Clackmannan and the
Town Councils of Alloa, Alva, Tillicoultry
and Dollar.

Ladies and Gentlemen,

I beg to submit the Annual Report for the year 1959 on the Health and Sanitary Conditions of the County of Clackmannan and of the Burghs therein, together with the report on the School Medical Service.

I am,
Your obedient Servant,

J. BORROWMAN.

Medical Officer of Health.

Health Department,
Bedford Place,
Alloa.

July, 1960.

HEALTH DEPARTMENT STAFF
(As at June, 1960)

MEDICAL STAFF

County Medical Officer of Health	J. Borrowman, M.B., Ch.B., D.P.H.
Assistant Medical Officers of Health	Patricia S. Warren, M.B., Ch.B., D.P.H.
	David F. Baxter, M.B., Ch.B., D.P.H.

SANITARY STAFF

County Sanitary Inspector	David Wood, A.R.S.H.
Assistant Sanitary Inspectors	Pat. M. Robertson, M.R. San. A., A.R.S.H.
	⋇ Ian F. Florence, M.R.I.P.H.H.
	+ Alexander Davidson
Clerkess and Typist	K. Harrower

DENTAL STAFF

Chief Dental Officer	C. Burleigh, L.D.S., R.F.P.S. (G.)
Assistant Dental Officer	A. Pirrie, L.D.S.
Dental Attendants	M. Bauchop, E. Wilson, J. Forbes

COUNTY WELFARE OFFICER

J. Craig, A.I.S.W.	⋇ Mrs. E. Tait - Clerical Assistant
	+ Mrs. A. Broom - Clerical Assistant

NURSING STAFF

County Nursing Superintendent	A. P. Walker, R.G.N., S.C.M., H.V., Q.D.N.S.

HEALTH VISITORS

S. P. Leyden	Mrs. I. McLellan
E. S. Ferguson	Mrs. C. Kennedy
K. M. Macdonald	Miss M. Guthrie (Tuberculosis)
E. M. Somerville	

PART-TIME STAFF	AUXILIARY STAFF
Mrs. W. McDonald (Health Visitor)	Mrs. D. A. Brand
Mrs. A. Chalmers (Health Visitor)	Mrs. F. Brown
Mrs. W. Stein (Assistant Nurse)	Mrs. Fairholm

DISTRICT NURSE-MIDWIVES

Alloa

J. Stewart (Senior Nurse)
E. Beattie
J. Clark
Mrs. J. Fyfe (Part-time)
Mrs. C. Sneddon (Part-time)
Mrs. M. Gray (Nursing Assistant)

Alva and Menstrie

C. F. Knight
J. Ritchie
M. McKinnon

Clackmannan, Forestmill and District

M. Nuthall

Dollar

A. Nicolson

Sauchie and Fishcross

E. M. Smith
+ E. Malley

Tullibody and Cambus

C. P. Hughes
⋇ M. E. Fleming
M. Henderson

Tillicoultry and Coalsnaughton

⋇ J. Chalmers
I. Ross
+ S. Lawson

PHYSIOTHERAPIST

E. B. Currie

DAY NURSERY

Matron	E. McClurg

OFFICE STAFF

Chief Clerk	N. P. Forsyth
Clerkesses and Typists	⋇ J. Bruce, J. Galbraith, J. Hall, S. Hunter, M. Dick, M. Irvine, J. Galloway, S. Broomfield, E. Mann, + W. Dunlop

PART-TIME STAFF

Veterinary Inspector	R. R. McNaughton, M.R.C.V.S.

Part-time Asst. Sanitary Inspectors:- Alva - R. S. Bradbury; Dollar - J. Beveridge; Tillicoultry - L.J.D. Smith.

+ Appointed during year ⋇ Resigned during year

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COUNTY OF CLACKMANNAN

1959

REPORT OF THE COUNTY MEDICAL OFFICER OF HEALTH

VITAL STATISTICS

	County	Alloa	Alva	Dollar	Tilli-coultry	Landward
Population (Estimated), 30th June, 1959	41,190	14,303	4,220	1,679	4,137	16,851
Total Live Births Registered (including Illegitimate)	285	72	19	6	40	148
Total Live Births Corrected for Mother's Residence (including Illegitimate)	856	281	93	22	87	373
Total Live Births Corrected for Mother's Residence Male	433	152	43	8	39	191
Total Live Births Corrected for Mother's Residence Female	423	129	50	14	48	182
Total Live Births Corrected for Mother's Residence Illegitimate	31	14	3	1	2	11
Still-Births Registered (including Illegitimate)	5	1	1	-	-	3
Still-Births Corrected for Mother's Residence	22	10	2	-	3	7
Marriages Registered	262	124	33	8	21	76
Deaths Registered	306	106	27	10	29	134
Deaths Corrected for Residence	449	157	56	17	55	164
Deaths Corrected for Residence - Male	231	86	23	9	25	88
Deaths Corrected for Residence - Female	218	71	33	8	30	76
AGES AT DEATH						
Under 1	26	6	3	-	2	15
1 - 4	3	1	-	-	1	1
5 - 9	1	-	-	-	-	1
10 - 14	-	-	-	-	-	-
15 - 24	3	-	1	-	-	2
25 - 34	4	1	-	-	-	3
35 - 44	10	2	1	1	-	6
45 - 54	43	14	4	-	3	22
55 - 64	81	28	6	5	15	27
65 - 74	110	43	13	4	12	38
75 - 84	121	44	18	6	15	38
85 and over	47	18	10	1	7	11
ALL AGES	449	157	56	17	55	164

BIRTH AND DEATH RATES

	County 1959	Scotland 1959
Birth Rate (per 1,000 population)	20.8	19.1
Death Rate (All Causes - per 1,000 population)	11.6	12.1
Infant Mortality Rate (per 1,000 live births)	30	28.4
Neo-natal Mortality Rate (per 1,000 live births)	20	19.4
Still-Birth Rate (per 1,000 total births)	25	22
Illegitimate Birth Rate (per 100 live births)	3.6	4.2
Death Rate from accidents in the home (per 100,000 population)	17	

*Adjusted for age and sex distribution.

CAUSES OF DEATH

	County	Alloa	Alva	Dollar	Tilli-coultry	Landward
Tuberculosis of respiratory system	3	2	-	-	1	-
Tuberculosis, other forms	-	-	-	-	-	-
Syphilis and its sequelae	-	-	-	-	-	-
Dysentery, all forms	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-
Meningococcal infections	-	-	-	-	-	-
Acute Poliomyelitis	-	-	-	-	-	-
Measles	-	-	-	-	-	-
Other infective and parasitic diseases	1	-	1	-	-	-
Malignant neoplasms	72	22	6	6	11	27
Benign and unspecified neoplasms	1	-	1	-	-	-
Diabetes mellitus	6	3	1	-	-	2
Anaemias	2	1	-	-	-	1
Other general diseases	4	1	1	-	2	-
Vascular lesions affecting central nervous system	68	27	10	1	9	21
Non-meningococcal meningitis	-	-	-	-	-	-
Other diseases of nervous system	8	3	2	-	2	1
Rheumatic fever	-	-	-	-	-	-
Chronic rheumatic heart disease	5	1	1	-	1	2
Arteriosclerotic and degenerative heart disease	114	44	11	9	13	37
Other diseases of heart	3	-	-	-	-	3
Hypertensive heart disease	8	1	2	1	2	2
Other hypertensive disease	6	2	2	-	1	1
Other circulatory disease	17	6	1	-	3	7
Influenza	9	5	1	-	-	3
Pneumonia (except of newborn)	20	5	1	-	1	13
Bronchitis	19	8	2	-	1	8
Other respiratory diseases	5	2	-	-	-	3
Ulcer of stomach and duodenum	4	3	1	-	-	-
Appendicitis	-	-	-	-	-	-
Intestinal obstruction and hernia	2	-	1	-	-	1
Gastritis and duodenitis	-	-	-	-	-	-
Diarrhoea (except of newborn)	4	1	-	-	-	3
Cirrhosis of liver	-	-	-	-	-	-
Other diseases of liver	5	2	-	-	2	1
Other digestive diseases	1	1	-	-	-	-
Nephritis and nephrosis	6	3	-	-	1	2
Hyperplasia of prostate	3	2	-	-	1	-
Other diseases of genito-urinary system	-	-	-	-	-	-
Puerperal sepsis including abortion with sepsis	-	-	-	-	-	-
Other puerperal causes	1	-	-	-	-	1
Diseases of skin and organs of locomotion	3	-	1	-	1	1
Congenital malformations	4	1	-	-	1	2
Birth injuries, postnatal asphyxia and atelectasis	6	2	2	-	1	1
Pneumonia of newborn	1	1	-	-	-	-
Diarrhoea of newborn	-	-	-	-	-	-
Other infections of the newborn	-	-	-	-	-	-
Other diseases peculiar to early infancy and immaturity unqualified	8	2	-	-	-	6
Senility without mention of psychosis	6	1	2	-	-	3
Ill-defined and unknown causes	1	-	1	-	-	-
Suicide and self-inflicted injury	6	2	-	-	1	3
Motor vehicle accidents	6	1	1	-	-	4
Other road vehicle accidents	-	-	-	-	-	-
Accidents in the home	7	2	3	-	-	2
Other violence	4	-	1	-	-	3
All Causes	449	157	56	17	55	164

Births Two hundred and ninety-two live births occurred in the County, 556 births were transferred in, making a total of 848 children born to mothers resident in the area. Four hundred and twenty-six were males and 422 females.

The resultant birth rate per 1,000 estimated population was 20.8 as compared with 19.8 for 1958.

Still-births Five still-births occurred in the County, the registered causes being one macerated foetus, two premature deliveries (one being of a malformed child), one internal haemorrhage and one due to maternal trauma.

Sixteen still-births occurred in hospital outside the area, of which three were to mothers who had arranged home confinements but who were admitted to hospital as "emergencies".

Causes of still-births in hospital are given as follows:-

Monstrosity	4	Intrapartum Anoxia	2
Concealed and revealed accidental haemorrhage	3	Difficult Breech Delivery	1
Macerated Foetus	1	Atelectasis	1
Erthroblastosis Foetalis	1	Prematurity	1
		Cause unknown	2

Maternal Mortality One expectant mother who had sustained very severe and extensive accidental burns, died about a month before her baby was due to be born.

Infantile Mortality It is disappointing to record that 26 children died during the first year of life, 17 being under one month, and 14 under 1 week.

Comparable figures for the County in previous years and for Scotland are given below:-

	1955	1956	1957	1958	1959	Scotland 1959
Infant Deaths	24	27	26	18	26	
Infantile Mortality Rate (per 1,000 live births)	33	35	32	22	30	28
Neo-natal Deaths (under 1 month)	20	17	21	13	17	
Neo-natal Death Rate (per 1,000 live births)	28	22	26	16	20	20
Still-births	9	14	18	25	21	
Still-birth Rate (per 1,000 total Births)	12	18	22	31	24	22
Peri-natal Death Rate (combined Still-births and Neo-natal Deaths per 1,000 total births)	40	40	47	46	47	

Causes of death were registered as follows:-

Neo-natal Deaths	Under 1 day	1 day - 1 week	1 week - 1 month
Prematurity	3	4	1
Asphyxia and atelectasis	1	3	-
Birth Injuries	-	1	-
Congenital Malformations	1	-	1
Pneumonia	-	1	-
Hernia	-	-	1

Deaths between 1 month and 1 year/

Deaths between 1 month and 1 year

Pneumonia	3	Gastro-enteritis	1
Home accidents	2	Septicaemia	1
Congenital Malformations	2		

Marriages The marriages numbered 262, equivalent to a rate of 6.4 per thousand estimated population.

Deaths Deaths from all causes corrected for transfers numbered 449, giving a death rate adjusted for age and sex distribution of 11.6 per thousand estimated population.

Diseases of the heart and circulation continued to be the chief cause of death and were responsible for 34.07 per cent of total deaths.

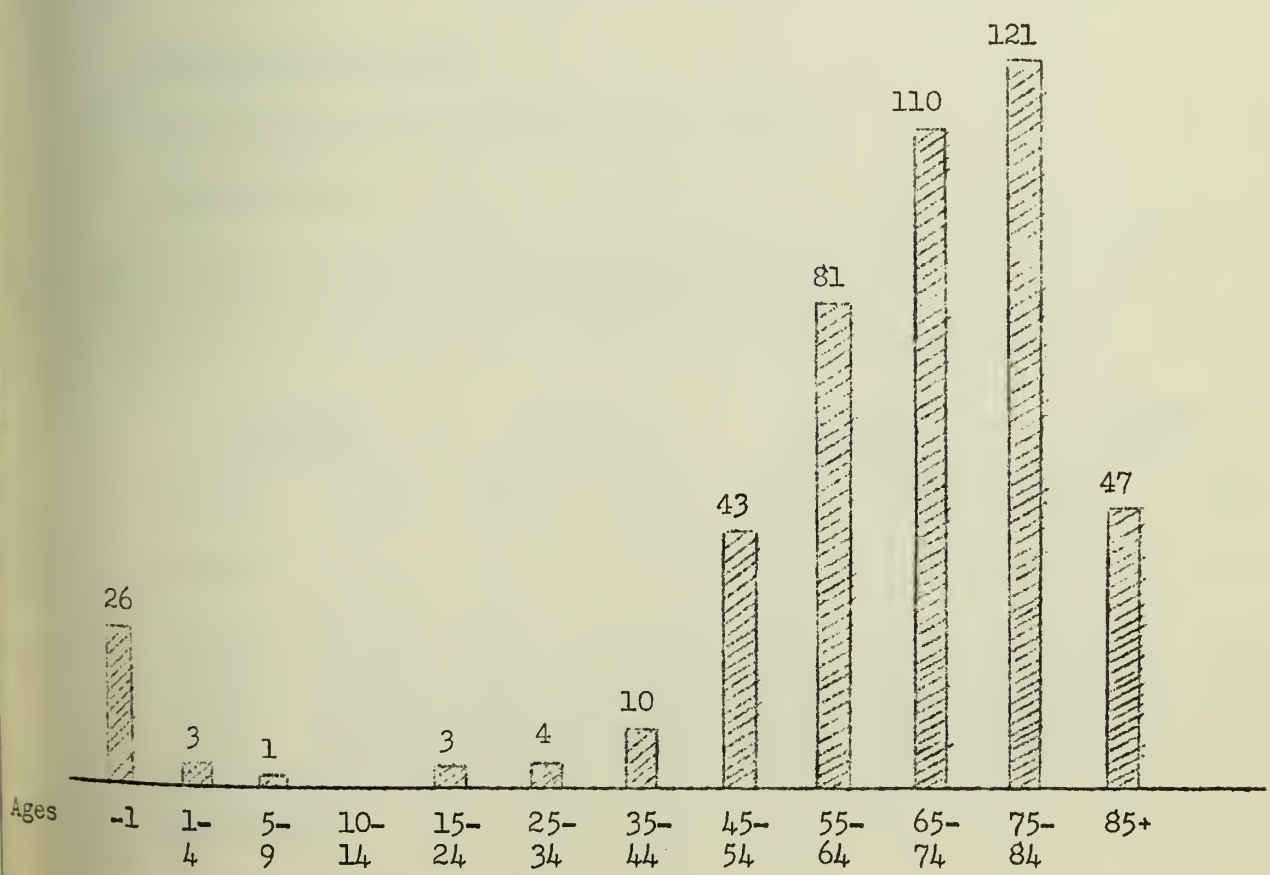
The relative importance of the various causes of death are shown below as a percentage of the total deaths:-

Diseases of Heart and Circulation	34.07%
Cancer	16.25%
Cerebral Vascular Disease	15.1%
Respiratory Disease	11.8%
Accidents in the Home	1.55%

Of the 72 deaths due to cancer, 16 (14 males and 2 females) were due to cancer of the lung.

Ages at death are shown graphically below.

Once past infancy there are very few deaths until the age of 45. Many more people are living into old age and more than half the total deaths occur after the age of 65 years.



A. Local Health Authority Functions/

A. Local Health Authority Functions

1. Care of Mothers and Young Children

(a) Expectant and Nursing Mothers

Mothers who are recommended for hospital confinement attend Ante-natal Clinics held at the County Hospital by the Area Obstetrician and his staff. Patients seeking hospital confinement on non-medical grounds are "booked" after consultation with the Medical Officer of Health, and we are fortunate in this area, in that a bed is made available for any patient whose home circumstances are unsuitable for domiciliary confinement.

Mothercraft classes continue to be held weekly at Alloa and in the Hillfoots. In the latter area, the meetings are held alternately at Tillicoultry and Alva. All expectant mothers are welcome at these meetings.

Attendances at Hospital Clinics

	New Patients	Total Attendances
Ante-natal	463	3,285
Post-natal	287	292
Gynaecological	307	999

(b) Child Welfare

There are eleven Child Welfare Clinics in the County, some being held weekly and others twice a month. Details of attendances at all Child Welfare Clinics are given in Appendix No. 2.

The Clinics are concerned with giving advice to mothers, the issue of Welfare Foods and are also the main centres for the immunisation programmes.

(c) Care of premature infants

A cot outfit is available for any premature baby born at home and not transferred to hospital. The cot is also used for such a child who requires transport.

(d) Mother and Baby Homes

There are no Mother and Baby Homes in the County.

(e) Welfare Foods

Distribution of Welfare Foods continued as in the previous year from the Centre in Marshill, Alloa, and from most Child Welfare Clinics.

The total issue for this year and also for 1958 are shown below:-

	National Dried Milk		Cod Liver Oil		Vitamins		Orange Juice	
	1958	1959	1958	1959	1958	1959	1958	1959
Main Centre, Alloa.	14,875	14,770	1,621	2,013	895	1,013	11,114	12,500
Clinics	5,262	4,788	1,081	1,213	432	497	7,890	8,155
	20,137	19,558	2,702	3,226	1,327	1,510	19,004	20,655

(f) Dental Care/

(f) Dental Care

The number of mothers attending for examination was almost exactly the same as last year, but for the first time since 1954, the number of pre-school children attending for treatment shows a slight decrease. This would apparently indicate that the demand for treatment has reached at least a temporary peak.

The following table indicates the trend in attendance:-

	1954	1958	1959
	No. examined	No. examined	No. examined
Mothers	27	135	136
Pre-school Children	33	141	105

Details of treatment are shown in Appendix No. 3.

2. Midwifery

Domiciliary midwifery is undertaken by the District Nurse-midwives employed by the Local Authority. There is no midwife resident in the area in private practice.

Analgesia:- Trilene was given to 191 mothers and gas and air to 20.

Work done by County Midwives All cases were dealt with under Section 23 (2) of the National Health Service (Scotland) Act, 1946.

Confinements

	Doctor engaged and present at confinement	Doctor engaged and not present at confinement	Removed to hospital during labour	Antenatal Visits
Alloa	25	48	10	592
Alva	7	14	8	233
Clackmannan	3	7	5	112
Dollar	8	2	2	168
Menstrie	4	4	2	129
Sauchie and Fishcross	9	31	14	419
Tillicoultry	33	24	3	419
Tullibody and Cambus	11	64	10	863
	100	194	54	2,935

Included in this return are one pair of twins, so that total of 295 babies were delivered by County Midwives. Five were still-births. One patient was delivered by doctor alone, and one was delivered in the Infectious Diseases Hospital.

Five hundred and twenty mothers were confined in the local Maternity Unit at Stirling Royal Infirmary and Airthrey Castle, and 7 in other hospitals outside the area, so that over 64% of the confinements were in hospital.

3. Health Visiting

The shortage of Health Visitors still continues to affect the amount of work that can be carried out. It is intended that a nurse shall shortly take up combined duties in the Menstrie area, with the use of a car. (See table of Visits, Appendix No. 4.)

4. Home Nursing/

4. Home Nursing

Although the shortage of District Nurse-midwives is not so marked as in the case of Health Visitors, the County staff has not been up to establishment for some years and there is generally a shortage of two or three nurses. It has not been found possible to appoint a relief nurse, and consequently, the relief work of some districts has had to be covered by a nurse from a neighbouring district to allow a single-handed nurse her "off-duty" and "holidays".

A more detailed analysis of the home nursing work is shown in the table overleaf.

A large proportion of the home nursing work is concerned with the care of old people, and with the assistance of the Home Help Service, many old people are cared for in their own homes who would otherwise require to be in hospital.

HOME NURSING

DISTRICT	Cases	M.	F.	Age Groups					Nursing Procedure					Period of Care					TOTAL VISITS
				-5	5-15	15-45	45-65	65+	General Nursing	Gyn.	Dressings	Injections	Other	Under 1 week	Under 1 month	1 - 3 months	3 - 6 months	Over 6 months	
ALLOA	269	93	176	11	6	49	74	129	72	1	36	116	44	98	79	51	18	23	10,585
ALVA & MENSTRIE	179	60	119	9	12	58	49	51	26	2	42	93	16	62	66	26	15	10	4,092
*CLACKMANNAN & DISTRICT	61	25	36	4	4	10	18	25	12	1	18	24	6	22	26	7	4	2	1,014
*DOLLAR	35	14	21	2	1	3	7	22	17	4	11	3	-	8	12	9	3	3	1,808
SAUCHIE & FISHCROSS	123	47	76	2	5	30	37	49	34	3	21	56	9	63	28	21	6	5	2,714
TILLICOULTRY	170	52	118	7	13	37	50	63	37	18	15	80	20	104	32	23	6	5	3,463
TULLIBODY & CAMBUS	159	69	90	13	19	81	17	29	17	1	41	90	10	84	49	19	4	3	2,362
TOTAL	996	360	636	48	60	268	252	368	215	30	184	462	105	441	292	156	56	51	26,038

* Nurses also do Health Visiting and School Nursing.

. Domestic Help

The rate of expansion of the Home Help Service has lessened considerably and t seems probable that the demands on the Service will not now markedly increase. he number of households attended during the year was 246, compared with 234 in 958, the number of part-time Home Helps now employed being 77. (82 in 1958).

	No. of Cases			Average No. of days in attendance per year			Average No. of Hours in attendance per year		
	1957	1958	1959	1957	1958	1959	1957	1958	1959
onfinements: at home	21	15	17	8	9	9	31	37	32
in hospital	8	4	5	12	10	14	53	36	41
cute llness	4	12	35	15	51	40	53	120	115
uberculosis	6	12	6	82	85	92	226	345	361
ged and hronic ick	157	174	182 (including 2 T.B. and 19 Blind)	123	143	145	352	390	406
lind	9	15	21	129	142	148	388	408	414
omestic ircumstances	-	1	-	-	19	-	-	38	-

. Vaccination and Immunisation

Combined immunisation against diphtheria, whooping cough and tetanus is fered at all Child Welfare Clinics and by General Practitioners.

Some 61% of the 805 children born in 1958 have been registered at the end of 59 as having completed a course of immunisation and some 57% had been vaccinated.

These figures show that the apathy among some parents towards this very portant health measure unfortunately still persists.

Details of treatment are shown in Appendix Nos. 5 and 6.

Poliomyelitis Vaccination

The programme of vaccination of children under fifteen, and the new eligible oup (15 to 25), and special groups such as expectant mothers, continued at the me high intensity as last year. Single injections given during the year mbered 14,896.

Of these, 9,761 were by Local Authority Staff, 3,687 by Family Doctors and 448 at Factories.

The announced aim of the Secretary of State to have 85% of eligible children der 15 years vaccinated by the end of June, was achieved early in the year, and, addition, a high proportion of these had received their third 'booster' dose vaccine before the year was up.

In the Autumn the emphasis was shifted to the 15 to 25 age group. Most of ese, of course, had left school and a different approach was required to encourage ese young persons to come forward for vaccination. Intensive publicity was dertaken in the press and by a widespread distribution of posters and leaflets.

As/

As in the Mass X-ray Campaign, an approach was made to all the larger industrial firms, and nearly all co-operated by distributing publicity material and consent forms, and a number accepted vaccination clinics in their premises. Contact with young persons was also made at Youth Clubs and Evening Schools and publicity gramophone records used at some dance halls and sports events.

Clinics were arranged as far as possible to suit requests made for vaccination outside working hours, and many were held in the evenings and on Saturday mornings. Despite this, however, there were many failures to attend at given appointments (almost one third at each clinic).

By the end of the year some 50% of this age group had been vaccinated with two injections.

The short table below gives details of the injections given.

By Local Authority Staff

1954 - 1960			1943 - 1953			Expectant Mothers			Adults 1933 - 1942			Staff		
1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
693	703	2,057	363	565	3,143	297	302	86	569	553	392	18	8	12

Total number of single injections:- 9,761

By Family Doctors

1954 - 1960			1943 - 1953			Expectant Mothers			Adults 1933 - 1942		
1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
307	307	322	207	207	172	124	124	35	854	854	174

Total number of single injections:- 3,687

At Factories

Adults 1933 - 1942		
1st	2nd	3rd
683	683	82

Total number of single injections:- 1,448

7. Prevention of Illness, Care and After Care/

'. Prevention of Illness, Care and After Care

Tuberculosis

The most notable event of the year was an extensive Mass X-ray Survey during he period of five weeks from 2nd April to 5th May.

Two mobile Mass X-ray Units from the Western Regional Hospital Board were sed throughout the period of the Survey, and every built-up area in the County as visited during the mixed programme of industrial appointments and public essions.

Intensive publicity measures were undertaken with the most helpful co-operation f the local press. A large number of voluntary helpers also assisted greatly y undertaking some of the essential clerical work. As an inducement to attend, rizes, in the form of gifts, were given from many local firms and businesses and rom Local Authorities.

Sixteen thousand five hundred and fifty persons were X-rayed during the ampaign, and 15,241 of these persons were resident in the County.

The statistical tables showing the findings of this Survey are in Appendix No. 8.

It is encouraging to note that the total incidence per thousand tuberculosis active, inactive and known) was 12.62 per thousand, the lowest figure so far ecorded for Surveys in this County. See table below.

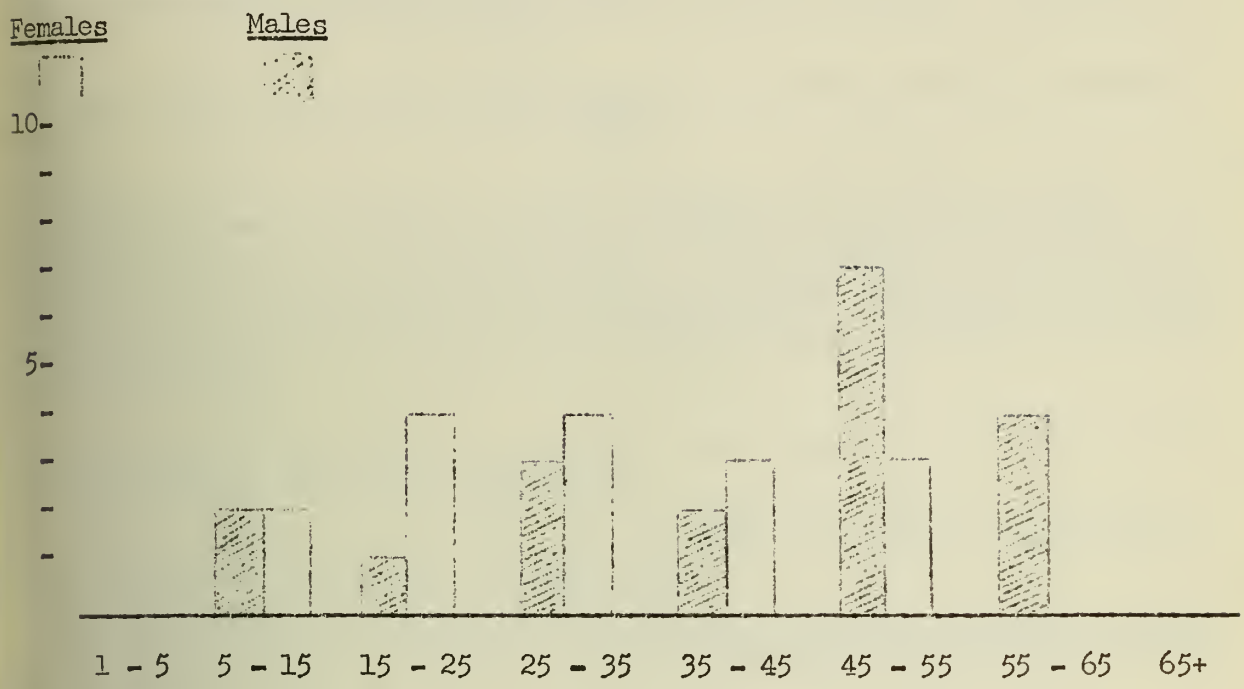
ear	Length of Survey	Total examined	Incidence per 1,000 Active (?)	Inactive (?)	Known	Total
951	6 weeks	9,408	4.6	10.5	0.9	16.0
954	4 weeks	7,409	3.1	9.3	4.4	16.8
955	1 week	2,166	4.1	9.7	4.1	18.0
956	4 weeks	7,448	3.0	8.8	4.2	16.2
959 2 Units)	5 weeks	16,550	3.38	5.01	3.68	12.62

Despite the extensive Mass X-ray Campaign, the number of new cases of ulmonary tuberculosis discovered during the year fell to 35, a decrease of 6 from he previous year. Nineteen of the new cases were male and 16 female. Eighteen f the new cases were discovered as the result of the Mass X-ray.

The new cases, by age groups, are shown in the graph overleaf, which shows a eturn to the pattern which has been evident in the country for some years, the orst age groups being men over 45 years of age.

New Cases by Age and Sex/

New Cases by Age and Sex



The incidence in the County compares with that for the whole of Scotland s:-

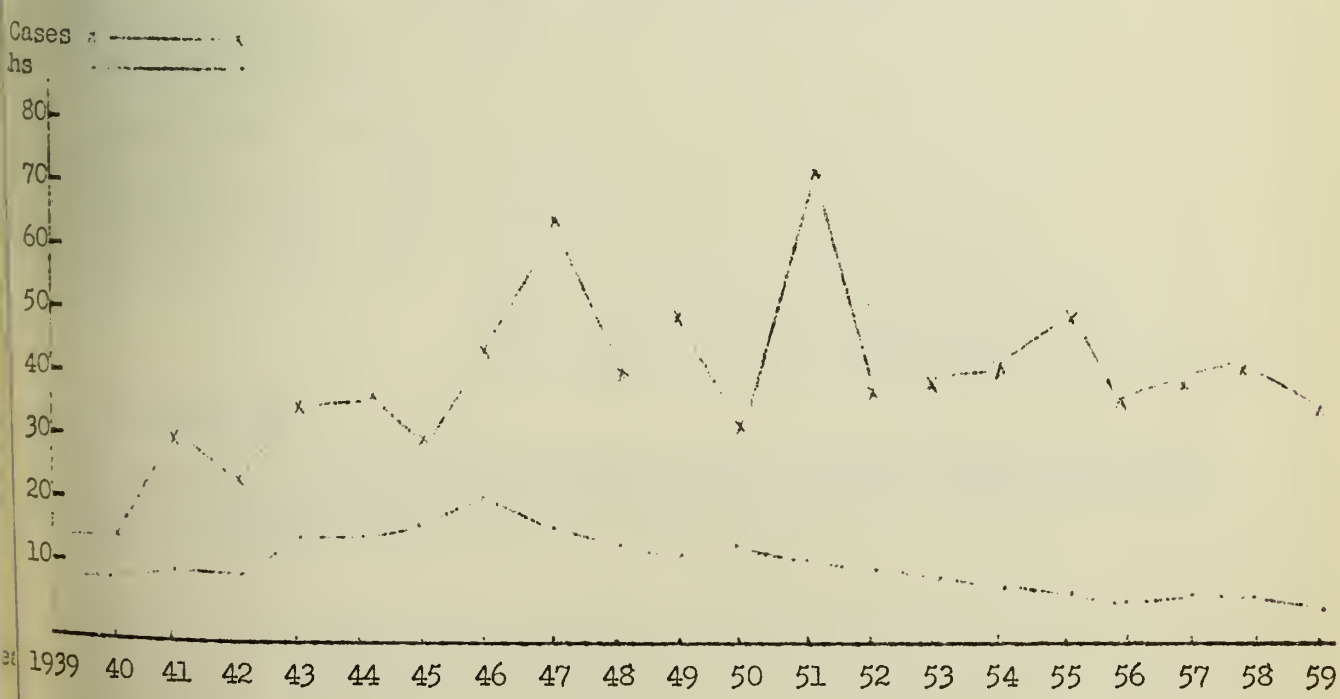
	Clackmannan County	Scotland
idence rate per 100,000 population	84.9	74 *
th rate per 100,000 population	7	11

* Provisional Notifications.

There were 318 known cases in the County at the end of the year compared with on 1st January.

Four children were confirmed to be suffering from active primary tuberculosis, they are included in the 35 confirmed cases of pulmonary tuberculosis. There 3 deaths from pulmonary tuberculosis.

The annual incidence of new cases and deaths is illustrated below:-



Two/

Two new cases of non-pulmonary tuberculosis were notified and confirmed. One was tuberculosis of genito-urinary organs and one abdominal. There were no deaths from non-pulmonary tuberculosis.

There were 27 cases in the County known to be suffering from non-pulmonary tuberculosis compared with 28 on 1st January.

Under the Schemes for the Care and After Care of Tuberculous Persons, vitamin food supplements were prescribed for most cases and free milk was granted to 4 tuberculosis patients for varying periods. Free school meals were provided for a number of children from tuberculosis families. When required, sputum bottles, disinfectants and home nursing aids were also provided. Priority was obtained for patients in need of re-housing under the Housing Points Scheme of the various Housing Authorities.

There were 719 attendances at the Alloa Chest Clinic and 1,687 routine home visits were paid by the Tuberculosis Nurse.

Attention should be drawn to the work of "The Tuberculosis Care Committee for the Counties of Stirling and Clackmannan".

This body was first instituted on 11th March, 1955, and from that time the number of patients from this County who have been assisted number 44.

Of particular help has been the sending of some patients for assisted holidays. So far, six patients have enjoyed holidays at North Berwick and Ayr who would not otherwise have been able to afford a holiday.

Miniature X-rays

Odelca Camera

Fewer persons were sent for miniature X-ray by Odelca at Stirling Royal Infirmary, as most of the routine X-rays of contacts and teachers etc., were undertaken by the Mass X-ray Units.

Numbers done are shown in the table below:-

	X-rayed	Referred for large film	Requiring further observation	Cases found
Contacts	76	3	-	-
T. T. Case Finding X-rays	11	-	-	-
School Leavers (Tuberculin Positive)	Mass X-ray			
Protection of Children (Teachers, Staff, etc.)	2	-	-	-
	89	3	-	-

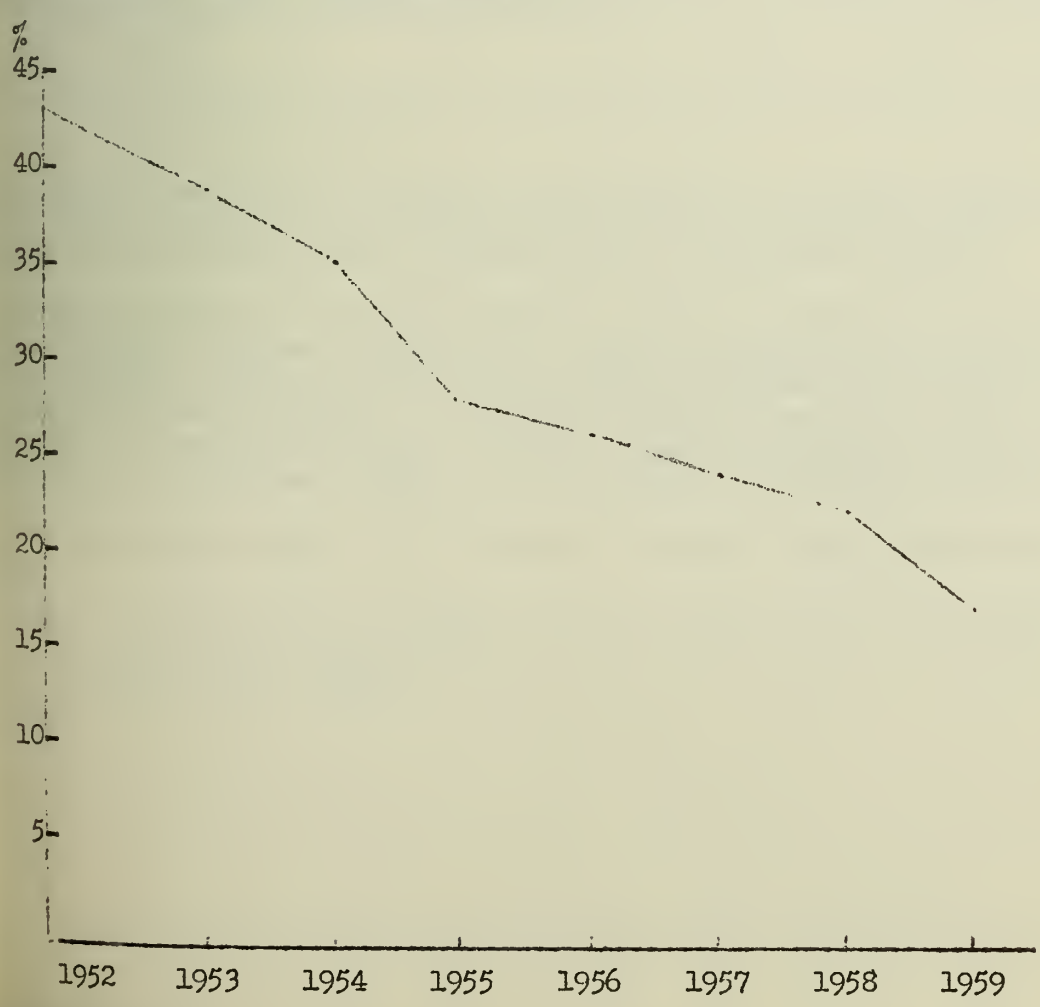
B. C. G. Vaccination

The Scheme for vaccination of contacts and of children approaching school leaving age continued unchanged and the numbers tested and vaccinated are shown in the table overleaf:-

	Tuberculin Tested		Negative Reactors		Vaccinated during 1959	
	M	F	M	F	M	F
Nurses	-	4	-	-	-	-
Medical Students	-	-	-	-	-	-
Contacts	60	50	52	45	69	69
Special Groups not included in above (a) School Leavers	297	287	243	241	243	241
(b) New Born Babies	-	-	-	-	-	-
(c) Students	-	-	-	-	-	-
Others	51	-	4	-	4	-

Of the school leaving age group 93 per cent accepted testing and vaccination. Seventeen per cent were Tuberculin Positive on testing compared with 22 per cent the previous year. The steady downward trend of the % Tuberculin Positive at this age is shown in the graph below, indicating that the chance of children becoming infected is becoming less and less.

School Leavers - % Tuberculin Positive



Ninety-five/

Ninety-five home visits were made by the doctors and nursing staff of the Health Department in respect of B. C. G. Vaccination.

Chiropody

All areas in the County (with one exception) have a Chiropody Service for the old folks through various Voluntary Committees. The Health Committee renders assistance to these Services in various ways. It is hoped that a Service will be started in the last remaining area early in 1960.

Health Education

Various Organisations were given talks on health subjects by members of the Health Department Staff. The Prevention of Accidents Committee continued to function and several members gave talks and film shows to preformed audiences.

8. Control of Infectious Diseases

Notifications of infectious disease numbered 194 compared with 148 last year. The increase was due to more notifications of Dysentery, Scarlet Fever and Whooping Cough. No case of Poliomyelitis was notified this year.

Notifications were as follows:- Pneumonia, 88; Scarlet Fever, 46; Dysentery, 36; Whooping Cough, 19; Erysipelas, 5.

Infectious Diseases Hospital

There were 289 admissions to the Hospital compared with 286 last year.

The admissions by Age Groups are shown in the small table below which reveals clearly how many of the admissions to Hospital are old people over 65 years of age.

Admissions to I. D. Beds - 1959.

Under 1	1 - 5	5 - 15	15 - 25	25 - 35	35 - 45	45 - 55	55 - 65	65+
44	50	37	7	9	6	17	36	83

Two wards, each of 12 beds, are now allocated for elderly chronic sick but, despite this, beds in acute wards have also to be used for this purpose although, frequently, the patient is not suffering from an infectious disease.

Forty-two elderly sick were admitted as cases of respiratory infection. Forty-one elderly sick were admitted for welfare reasons, mainly because their medical condition rendered them in urgent need of treatment in hospital and no beds were available elsewhere, or the home conditions were such that it was impossible to nurse them at home. A few of these were admitted for temporary periods to give relatives a relief from the strain of constant nursing.

Not unexpectedly, most of the deaths in hospital occur in this type of patient.

There were 32 deaths in hospital, 20 being persons over 65, 8 in the 60 - 65 Age Group and 4 babies.

The/

The largest group of admissions again consisted of respiratory infections. These totalled 149 and consisted of Pneumonia, 70; Bronchitis, 47; Influenzal Pneumonia, 9; Influenza, 7; Upper Respiratory Infection, 7; Primary Tuberculosis Complex, 4; Pulmonary Tuberculosis, 2; Pleurisy, 2; Croup, 1.

Alimentary infections numbered 34. Most were cases of Dysentery or Gastro-Enteritis. In 14 cases, B. Dysenteria Sonnei was isolated and in one case B. Dysenteria Flexnor.

Other infections and conditions included:-

Measles, 10; Tonsillitis and Pharyngitis, 8; Whooping Cough, 4; Meningismus, 4; Bronchial Carcinoma, 4; Chickenpox, 3; Erysipelas, 2; Scarlet Fever, 1; Septicaemia, 1; Jaundice, 1; Rheumatic Fever, 1; Asthma, 1; Congenital Fibrocystic Disease of Pancreas, 1; Ulcerative Colitis, 1; Pyelitis, 1; Neo-natal Cold Injury, 1.

Venereal Diseases

The return of cases resident in this area and treated at Stirling and Falkirk Centres is as follows:-

Falkirk Royal Infirmary - None.

Stirling Royal Infirmary:-

Syphilis - None.

	Male	Female
Gonorrhoea	4	1
Chancroid	1	-
Non Specific Urethritis	4	-
Trichomonas	-	2
Other Venereal Conditions (both acute Balanitis)	2	-
Total	11	3
Non-venereal Conditions	4	2

9. Mental Health Service/

9. Mental Health Service

Bellsdyke Mental Hospital

A short table of admissions over the past three years is shown below. The table reveals little variation in either total number of admissions or the method of admission (i.e. Certified or Voluntary). Over the period the number of Voluntary admissions far outweighs the number of Certified.

Admissions	1957	1958	1959
Certified	11	9	7
Voluntary	40	44	40
Total	51	53	47

Child Guidance Clinic

Dr. Russell and his staff from Bellsdyke continued with this Clinic monthly in the Health Department with extra sessions as required.

During the year 41 children made 152 attendances.

The Clinical Psychologist from Bellsdyke assisted with the Child Guidance cases.

The work is mainly diagnostic psychological assessment but group treatment has also been started.

Alloa Child Guidance	1958	1959
No. of patients	13	9
No. of interviews	61	77

The Psychiatric Social Worker, also from Bellsdyke, carried out work in the County as follows:-

	1958	1959
Cases referred from Alloa Child Guidance Clinic	22	23
Home Visits		44
Clinic Interviews		29
Total Cases referred from County (including adults)	42	40

Trained staff appear to be in very short supply and this department is now reduced to one social worker without psychiatric training. This inevitably means inadequate follow-up work at home or in schools.

10. Work under Nurseries and Child Minders' Regulation Act.

The Day Nursery in Alloa continues as a training school and accepts girls leaving school who wish to train as Nursery Nurses, giving a varying period of practical work before theoretical classes are started.

For/

For some years St. Johns Church Hall has been used as an Annexe to the Day Nursery, but this Hall is no longer available, and a prefabricated building has been erected where the children between 3 years and 5 years are accommodated. At the time of writing, the Nursery is being fully used, there being a considerable demand for female labour in the area. It is gratifying to be able to provide day-time care for children whose mothers, through illness or other circumstances, are unable to look after them. The present day trend, however, for mothers of families to work long hours at factories and elsewhere, and then "fitting in" the normal housework and maternal duties is not altogether satisfactory. It is disturbing to find a large demand for Nursery places for the very young children.

There is no residential Nursery in the District. Three children were admitted for a total of 4 nights as an emergency measure to the Day Nursery.

Number of children on the register at 31st December, 1959 - 54

Average daily attendance - 32

No application has been received for registration as a Child Minder, and no registrations were in force at the end of 1959.

B. School Health Service - See page 59

C. Port Health Administration

No vessels from "foreign ports" arrived in the Port and no declarations of health were received.

D. Food Supply - See Sanitary Inspector's Report.

E. National Assistance Act, 1948 - See County Welfare Officer's Report.

F. Nursing Homes Registration (Scotland) Act, 1938

No applications for registration were received under this Act.

REPORT BY COUNTY WELFARE OFFICER

National Assistance Act, 1948

General Welfare

During the year the number of recorded enquiries for assistance in solving personal and family problems totalled one thousand two hundred. In finding solutions to this large number of varied problems, more and more time is being devoted to this section of Welfare.

In all areas of the County, chiropody services for the elderly are now available in clubs, etc. and by domiciliary visits. Although this service receives little in the way of publicity, it prevents many of the upper age groups from being housebound.

Accommodation

Although there were only three males and one female on the waiting list at 31st December 1959, there are known to exist a number of persons who require residential accommodation. Until such accommodation is available, either locally or within a reasonable distance of the County, such cases mentioned above refuse to apply.

It is now almost five years since the County Council agreed in principle to the provision of a home within the County. The implementation of this principle is, in my opinion, painfully slow, and it is hoped that another year will not be allowed to pass without the site being acquired and a start made to the actual building.

TYPE OF ACCOMMODATION	In premises managed by the Hospital Board	In premises managed by other Local Authorities	In premises managed by Voluntary Bodies (Eventide Homes, etc.)	Grand Total
No. of Admissions	4	0	12	16
No. of Discharges	4	1	12	17
No. Resident at 31st December 1960	18	1	24	43

Temporary Accommodation

Temporary accommodation was arranged and emergency equipment was issued on loan to two families who were rendered homeless by unforeseen circumstances.

Blind and Partially Sighted Persons

During the year 734 domiciliary visits were made to blind and partially sighted persons on the County Registers.

Detailed/

Detailed particulars of registered blind and partially sighted persons at 31.3.60 e tabulated below:-

	Age Groups														
	0 - 4		5 - 17		18-39		40-59		60-69		70 +		Totals		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T
. on Register	-	1	3	3	3	8	11	9	6	16	29	55	52	92	144
ler School Age	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1
Blind School	-	-	2	3	-	-	-	-	-	-	-	-	2	3	5
educable	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
n open employment	-	-	-	-	1	4	1	-	-	-	-	-	2	4	6
sheltered employment	-	-	-	-	1	2	2	-	-	-	-	-	3	2	5
, trained, but trainable	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1
ained but unemployed	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1
available for employment, or incapable of work	-	-	-	-	-	1	9	8	6	17	28	55	43	81	124
minations by Ophthalmologist	-	-	-	-	-	-	2	4	2	1	6	11	10	16	26
nd to be blind within the meaning of the Act	-	-	-	-	-	-	1	4	-	1	5	7	6	12	18
-examinations by Ophthalmologist	-	-	-	-	1	-	-	-	1	5	2	6	4	11	15
cases found to be blind after re-examination	-	-	-	-	1	-	-	-	-	2	-	-	1	2	3
ertified after re-examination	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nsfers in	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1
nsfers out	-	-	-	-	-	-	-	1	1	-	1	-	2	1	3
aths during the year	-	-	-	-	-	-	-	1	-	3	7	12	7	16	23
. on partially sighted register	-	-	2	-	2	-	-	-	1	1	4	9	9	10	19

A young woman received a course of industrial rehabilitation, but so far no employment has been found for her.

A young man who completed his four year course of training at the Royal Blind Asylum was unable to continue in that establishment as a worker, due to lack of housing accommodation. So far no employment has been found for him.

Wireless continues to be the main recreation of the majority of blind persons. As agents for the British Wireless for the Blind Fund, the Council have on issue eighty-two sets.

Fifty batteries, twenty-one certificates for free licence were issued, and repairs to sets carried out when necessary.

Deaf, Dumb and Hard of Hearing

There are thirty-six adults and twenty-four children on the County Register. Of this number the Council have agency arrangements with the Edinburgh Deaf & Dumb Benevolent Society for twenty-three adults and eleven children. The remainder do not require specialists services and have their needs met by the Welfare Department, i.e. collection of batteries and taking of aids for repair.

The present arrangement, in which the Lip-Reading class of one hour's instruction per fortnight is combined with the Hard of Hearing Club at Stirling, does not appear to be satisfactory. Until deaf people realise the benefits obtained from lip-reading instruction, no other satisfactory solution can be found.

Physically Handicapped Persons (other than Blind, Deaf and Dumb)

During the year 381 domiciliary visits were made and assistance given in a number of cases to obtain statutory services.

In three cases assistance towards independence was given by the provision of structural alterations, i.e. ramps and hand rails. It is unfortunate that housing authorities do not include in their building programme more of the ground level flatted type of accommodation.

Occupational Therapy for the physically and mentally handicapped persons is not possible until a permanent centre, together with the appropriate staff, is made available.

Section 47 - Removals

During the year there were no removals under this Section of the Act.

Section 48 - Care and Protection of Property

Arrangements were made for the protection of the moveable effects of two persons who were admitted to hospitals and Part III Accommodation.

Section 50 - Burials

Five burials were carried out, under the provisions of this Section of the Act, of bodies unclaimed by relatives.

R E P O R T

B Y

C O U N T Y S A N I T A R Y I N S P E C T O R.

To the Department of Health for Scotland,
the County Council of Clackmannan and the
Town Councils of Alloa, Alva, Tillicoultry
and Dollar.

My Lord, Ladies and Gentlemen,

In accordance with the requirements of the Department of Health for Scotland, I have prepared and now submit my Annual Report on the Sanitary condition of the County of Clackmannan and the Burghs therein for the year 1959.

I am,
Your obedient servant,

DAVID WOOD

County Sanitary Inspector.

Sanitary Inspector's Office,
Bedford House,
Alloa.

July, 1960.

COUNTY OF CLACKMANNAN

Annual Report of County Sanitary Inspector for the Year 1959.

Milk Production

The number of milk producers on the register at the beginning of the year was twenty-six. Of these one held a "Certified" Licence, twenty-three held "Tuberculin Tested" Licences and two were un-licensed.

In the course of the year one of the un-licensed producers was granted a "Tuberculin Tested" Licence so that at the close of 1959, of the twenty-six registered producers one held a "Certified" Licence, twenty-four held "Tuberculin Tested" Licences and one was un-licensed.

These premises were regularly visited and samples of the milk produced thereon were taken from time to time and submitted for bacteriological examination. In all fifty-three visits were made and one hundred and sixty samples submitted. Details of the results of these samples are given in the table below with corresponding figures for 1958 in brackets alongside.

Table showing Milk Sampling Activities in 1959.

Type of Milk	Samples Taken	Passed prescribed tests.	Percentage Satisfactory
PASTEURISED	56 (42)	53 (40)	94.5 (92)
CERTIFIED	6 (5)	6 (4)	100 (80)
TUBERCULIN TESTED	72 (135)	60 (93)	83.3 (69)
*NON-DESIGNATED	12 (6)	9 (5)	75 (83)
Grand Total	156 (188)	128 (142)	82.1 (75)

* As there is no bacteriological standard for non-designated milk the standards in respect of "Tuberculin Tested Milk" have been applied for the purpose of the above table.

The conditions under which milk is being produced are generally satisfactory although the erring producer is still found who on occasion neglects some matter essential for the production of clean milk. Such cases are however very infrequent and are quickly remedied on attention being drawn to them.

Improvements to Dairy premises continued to be made during the year and in some cases arrangements for the provision of new dairy byres were adjusted by the Department with owners and/or occupiers. In one case the owner of a fair sized dairy herd changed from the byre system to the cattle court and milking parlour method.

This steady improvement in the structural state of Dairy Premises to bring them more into line with modern practice is encouraging and it is to be hoped that modern Dairy Bye-laws, those in this County are dated 1926, taking account of present day practice and methods in the Dairy Industry will be forthcoming ere long so that the industry will not be hampered by out of date legislation and stultifying administrative machinery.

Ice Cream (Scotland) Regulations./

Ice Cream (Scotland) Regulations.

The position as regards registration of premises and vehicles under these Regulations at the end of 1959 was as given below, viz:-

	PREMISES	VEHICLES
Number of registrations in force at end of 1958	26	22
Number granted during year.	-	1
Number cancelled during year.	-	1
Number discontinued during year for other reasons.	-	-
Number in force at end of 1959	26	22

All the above premises and production methods therein were subject to routine inspection during the year and apart from one or two small breaches of the Regulations which were soon remedied, conditions were found satisfactory.

Food and Drugs (Adulteration) Act 1956.

The number of samples taken under this Act was eighty-six consisting of:- Sweet milk (15), raisins (1), chicken paste (2), chicory essence (1), tomato ketchup (1), cheese (3), pepper (2), pickles (1), jam (3), vinegar (2), soup (2), seidlitz powder (1), aspirin (5 grains), lentils (1), sweets (11), jelly (4), dripping (1), boned chicken (1), tea (6), lemon juice (1), cakes (2), biscuits (2), butter (2), sugar (3), trifle (1), margarine (1), baking powder (1), flour (2), mustard (1), cereals (5), apples (1), almond oil (2), cream (2), pork pie (1). All were reported satisfactory.

Public Health (Preservatives in Food) Regulations (Scotland) 1925.

One sample of mince and five samples of sausages were taken in terms of these Regulations in 1959. All were reported satisfactory.

Meat.

Overleaf in tabular form are details of numbers and categories of animals slaughtered and weights of meat condemned at Alloa Burgh Slaughterhouse in 1959.

As in the past the Slaughterhouse and ancillary buildings were kept clean and were well conducted during the year. Credit for this must go to Mr. Gillespie, Superintendent and his Staff.

The structure was well maintained by the Slaughterhouse Joint Committee. Regular visits were paid by the Veterinary Surgeon, Mr. R. R. McNaughton and staff of this Department took over the work of meat inspection during the absence of the Superintendent on holiday or otherwise.

Unsound Food.

A list of articles and their weight, condemned during the year as unfit for human consumption or otherwise unsaleable is given on Page 25.

Table showing numbers of animals slaughtered and weights of meat condemned at Alloa Burgh Slaughterhouse in 1959.

CLASS OF ANIMAL	NUMBER KILLED	TOTALLY CONDEMNED		PARTIALLY CONDEMNED		ORGANS		TOTAL WEIGHT
		NUMBER	WEIGHT	NUMBER	WEIGHT	NUMBER	WEIGHT	
CATTLE	1,544	8	3,290	23	979	553	7,333	11,602
CALVES	25	6	423	1	8	-	-	431
SHEEP	4,927	23	1,135	19	155	153	633	1,923
PIGS	844	2	141	24	268	69	318	727
TOTAL	7,340	39	4,989	67	1,410	775	8,284	14,683

Unsound Food (contd.)

	Cwts.	qrs.	lbs.	ozs.
Meat	21	0	21	8
Vegetables	0	3	24	0
Fruit	6	2	22	12
Fruit Juice	0	0	11	4
Soup	0	4	13	0
Fish	0	0	15	4
Milk	0	1	12	12
Jam	0	0	2	4
Rice	0	0	27	10
Syrup	0	0	2	0
Cheese	0	0	2	15
TOTAL	30	3	15	5

The total weight, 30 cwts. 3 qrs. 15 lbs. 5 ozs. of unsound foodstuffs dealt with in 1959 compares with 142 cwts. 2 lbs. condemned the previous year.

As in former years most of the foodstuffs were tinned goods which had to be condemned on account of spoilage or damaged tins.

Food Hygiene.

The issuing by the Department of Health for Scotland of the long awaited Food Hygiene Regulations was the outstanding event in this field during the year.

They are not all that might be desired, one grave omission for example, in my view, being the lack of any provision for registration of food premises and I am doubtful if in fact certain of the Regulations can be enforced. Nevertheless they are reasonably comprehensive and while no doubt difficulties will be experienced in carrying them out, given co-operation and good will on the part of all concerned they should prove helpful in securing much needed improvements in this most important matter.

Owing to shortage of staff for the greater part of the year it was unfortunately impossible to do much practical work in implementing the Regulations; a start was made however as time and circumstances permitted and in a number of cases premises were examined and advice given as to the work necessary to comply with the Regulations. In every such case the work had been carried out by the end of the year. This involved twenty-five visits to fifteen premises.

Within the limitations of the staff available the educational side of the work was continued by lectures to food handlers and other members of the Food Trade. This work was again in the capable hands of Mr. Robertson, Chief Assistant in the Department who dealt with it in his usual thorough and methodical way./

Food Hygiene (contd.)

Although response to these efforts is not always what one would like, nevertheless they are well worth while and one must hope that not all the seed sown falls on stony ground.

This is one aspect of the drive to make those employed in the Food Trade conscious of the need for Food Hygiene, which should not be overlooked.

Prevention of Damage by Pests Act 1949.

The work of destruction of rats and mice went ahead on the same lines as in previous years and nothing of special note falls to be recorded.
Regular surveys of the district were made and particular attention was given to premises especially liable to rat infestation. Refuse Tips, Sewers, Sewage Works, Ditches etc. for which the County Council is responsible were regularly dealt with.

The success of persistent attention to this problem by the County Council in past years is now becoming evident as the degree of infestation by rats and mice generally no longer presents the major difficulty it once did. There are of course sporadic and serious outbreaks still to be dealt with but the broad problem is much smaller. It is now the aim of the service, by constant survey and inspection and by early attention to pockets of infestation as they come to light to ensure that conditions remain so. No relaxation of efforts in this attack on the rodent population can be contemplated.

During the year an officer of the Pest Destruction Branch of the Department of Agriculture for Scotland visited the County, carried out surveys of the district for rat infestation, examined the techniques and methods employed and investigated generally the arrangements in force for carrying out this function of the Local Authority.

A report subsequently received from the Department, indicated general satisfaction with the way in which the County Council was carrying out its duties under the Act, but suggested that some other means of transport than the pedal cycle employed should be provided for the operator. This aspect of the report was under consideration at the end of the year.

Inaddition to the destruction of rats and mice the County Rat Catcher's services were in demand for the destruction of moles, bats, wasps, and other types of vermin in and about houses, gardens etc. This work is not included in the return relative to rats and mice destruction activities in 1959 submitted to the Department of Agriculture for Scotland, a copy of which forms Appendix 10 to this report.

Infectious Diseases.

Twenty-nine visits were made in connection with Infectious Diseases and thirty-six houses were disinfected during the year. As usual, articles of clothing, bedding etc. were removed for disinfection where necessary and returned to householders.

Visits in connection with suspected food poisoning and/or dysentery cases, investigation thereof and collection and delivery of specimens to the laboratory again occupied a good deal of time throughout the year.

Nuisances.

The number of nuisances under the Public Health (Scotland) Act 1897 dealt with in each Local Authority Area in the County during the year was:- Landward Area 56, Alloa Burgh 24, Alva Burgh 2, Tillicoultry Burgh 0 and Dollar Burgh 2 a total of 84./

Nuisances (contd.)

These were of the type encountered in previous years, choked or faulty drains, sanitary fitting, foul ditches etc. and call for no special comment. All were remedied quickly on being drawn to the attention of the parties responsible.

Under this section however mention should be made of a recurring nuisance caused by a defective drain in a Housing Development of the Scottish Spaical Housing Association Limited in the County Landward Area.

Responsibility for the maintenance of this troublesome drain is not accepted by the Association and in the Public Interest this Department on a number of occasions had to clear the drain and remove this nuisance.

This has been done without prejudice to questions of liability as it seems quite unrealistic that such questions between the Local Authority and the Association should be allowed to prevent or delay the removal of nuisance conditions. It is to be hoped that ere another year has gone this quite simple difficulty will be resolved.

Cleansing and Scavenging.

The activities of the Cleansing Department presented no particular problems in 1959 and no serious complaints were received.

In order to keep pace with the increasing work necessitated by Housing Developments in the Landward Area it was decided to replace the two oldest vehicles (side loaders) in the fleet by two rear loaders of greater capacity. Delivery of these is expected in the Summer of 1960 and they should make useful additions to the fleet. During the year the transport requirements of the Department were considered by the Landward Committee and it was agreed to adopt a policy of regularly replacing vehicles and to make suitable financial arrangements for this purpose on a seven or eight year basis.

As a result of complaints alleging nuisance conditions arising from a Local Authority refuse tip in the County a Department of Health Inspector visited the area on a number of occasions and examined the refuse tip complained of as well as others in the County.

Little serious fault was found with the refuse tip in question but certain recommendations made by the Inspector were carried out by the Local Authority concerned in an effort to improve matters still further.

It is regrettable that in the small area of this County there are five refuse tips in use by five Local Authorities. There seems a fruitful field for action here towards reducing this number as part of a comprehensive Cleansing Service for the whole County, a matter which I have long advocated.

It is so far gratifying however in this connection to note that during the year an approach was made to the County Council by one of the Burghs in the County for the carrying out by the County Council of the Cleansing Service in the Burgh. This request was sympathetically considered by the Landward Committee of the County Council and details of a possible scheme acceptable to both Authorities were being worked out at the end of the year.

During the year the Department's three petrol engined vehicles covered 19,618 miles and used 2,361 gallons of petrol while the three diesel engined vehicles covered 31,794 miles and used 2,290 gallons of diesel fuel.

The/

Cleansing and Scavenging (contd.)

The estimated weight of material collected each year since 1948 is given in Appendix 11.

The number of employees in the Department varied from thirty-eight at the beginning of the year to forty-one at the end.

There is still some difficulty in getting the proper type of man for this work. This is due, I suspect, in some measure at least to the poorer rewards compared with industry and to the unpleasant nature of the work itself. This latter factor could be greatly minimised by the provision of adequate Depot and washing facilities which I have for some time now been recommending. The need for these seems self evident to me and I must therefore re-iterate the views I expressed on this subject in previous reports. I can only hope that some practical steps to this end will be taken soon and that further reference to the lack of such facilities will not be necessary.

Freedom from accidents has again to be reported during the year and for this the drivers employed must take credit. Their efforts in this direction were recognised by the award of Safe Driving Diplomas.

Unfortunately I have again to report that a good deal of vandalism to Public Conveniences occurred during the year. The Police were able to prosecute some of the offenders however and fines were imposed. Hooliganism of this kind is far too common and seems to persist in spite of punitive action. It certainly causes much needless expense to the Ratepayers.

Water Supply,

About one third of the first section of the Loch Turret Water Board's trunk main, work on which began during the year, was completed in 1959 and contract documents for the second section were issued. Work on the Contract Documents for the Board's work in this County was in hand during the year.

The long drought in the summer had the effect so far as the County water supply was concerned of making a situation, normally critical in summer, desperate. Restrictions on the use of water had to be enforced, stand pipes erected in a number of districts and temporary help got from other areas.

Finally, to ease the situation the County Council with help of the National Coal Board, made preparations to distribute pit water from two disused pits in the area as a temporary measure. Happily it was not necessary to have these arrangements long in force as owing to a change in the weather the use of stand pipes was discontinued and the water supply gradually returned to normal.

Alloa Burgh's water supply was in a somewhat better position, but only marginally so, as consideration had to be given in this case also to the setting up of stand pipes and the supply had to be augmented from outside sources. Fortunately, the use of stand pipes was not necessary and augmentation of the supply was not required for long but it was a near run thing.

While these acute difficulties were being experienced with the water supply in the County Landward Area and the Burgh of Alloa as a result of the prolonged drought in 1959 it is worthy of note that it did not seem to have quite such a serious impact on the water supply in the Burghs of Alva, Tillicoultry and Dollar who were able to get by with much less drastic restrictions than were the case in other parts of the County./

Water Supply (contd.)

During the year thirteen samples were taken for Bacteriological Examination from the Public Water undertakings in the County. The results were classified as follows:- 10 satisfactory and 3 unsatisfactory.

Results of nine chemical samples were satisfactory.

Drainage.

The following synopsis of the position in regard to drainage in the County in 1959 has been supplied by the County Council's Consulting Engineers, Messrs. Babtie, Shaw & Morton, viz:-

"Construction commenced during the year on the connection of Menstrie Drainage to the Trunk Sewer at Cambus and by the end of the year about two thirds of the work had been completed.

A scheme for the renewal of the sewer between Ricccrton and Mary Bridge Clackmannan was submitted to the Department of Health of Scotland and approved.and tenders for the work were invited at the end of the year. After discussions with the British Transport Commission and the National Coal Board a route for the connecting sewer and pumping main from Fishcross to Sauchie was agreed and reported on, and the preparation of a detailed scheme for submission to the Department of Health was begun. Preparation of a scheme for the drainage of Tillicoultry, Devonside and Coalsnaughton for submission to the Department of Health for Scotland was also started during the year following agreement by the Local Authorities concerned. In order to deal with the drainage from a small housing development at Lower Mains Dollar a report was prepared regarding the provision of a septic tank for the scheme and a contractor was appointed towards the end of the year."

During the year twenty-five smoke tests or other inspections were made of new and reconstructed drains. Only in a few cases had the standard of workmanship to be adversely criticised and in these cases faults were soon remedied and drains thereafter found satisfactory.

Routine cleaning of sewers and manholes was carried out during the year.

Housing.

The following new houses were completed and let by the various Local Authorities in the County during the year, viz:- County Council Landward Committee 74, Alloa Town Council 69, Alva Town Council 0 and Tillicoultry Town Council 0 a total of 143.

In addition to the above houses built by Local Authorities in the County in 1959 164 were built by the Scottish Special Housing Association Limited in the Landward Area and 28 in Alloa Burgh.

All the houses mentioned above in the Landward Area were examined on completion by this Department and the necessary Certificate B issued.

Approval for the erection of twenty houses by private persons was granted during the year. Details of these are as given overleaf.

Area/

Housing.

Area.	Number of Apartments.					Total.
	3	4	5	6	7	
County Landward	3	2	2	-	-	7
Alloa Burgh	-	1	2	-	1	4
Alva Burgh	-	1	-	-	-	1
Tillicoultry Burgh	2	-	-	2	-	4
Dollar Burgh	-	4	-	-	-	4
	5	8	4	2	1	20

Under the Housing (Scotland Act 1950 applications for Improvement Grants were made in respect of three houses and for a Standard Grant in respect of one house.

Of these two applications for Improvement Grants and the one application for Standard Grant were approved.

Many routine visits were paid to dwelling houses during the year in order to assess the number of points to be awared for "unfitness" under the various Local Authorities "points" schemes for house letting.

Under the Housing (Scotland) Act 1950 reports on the structural state of one hundred and twenty-three houses were made to Local Authorities in the County throughout the year with a view to their closure and/or demolition and the necessary statutory action was taken by the Local Authorities concerned.

Apart from the official action outlined above it was found possible in a number of cases to arrange with proprietors for the closure of unfit houses on tenants being rehoused.

Factories Act 1937

One hundred and ninety four visits were paid to factories in the County during the year and three breaches of the Act or Regulations thereunder were noted. These were all of a minor nature and following notifications to the occupiers were quickly put right. Particulars are included in Appendix 12 to this report.

As in former years a number of visits were paid to Factories along with officers of the Central Fire Area Joint Authority regarding Fire Escape arrangements and new or amended certificates were issued in terms of the Act where necessary. The number of such visits is included in the total given in the preceding paragraph.

Clean Air Act 1956.

In addition to the two smoke deposit gauges in operation in the County which were referred to in last year's report a smoke filter was set up during the year.

Deposit gauge reading are given overleaf/

ATMOSPHERIC POLLUTION - MONTHLY RECORD OF DEPOSITS

1959

Site of Station - Health Department, Alloa.

MONTH	RAINFALL IN INCHES		TONS PER SQUARE MILE					
			INSOLUBLE DEPOSIT		SOLUBLE DEPOSIT		TOTAL SOLIDS	
January	1.9	(2.6)	4.9	(10)	6.1	(14)	11	(24)
February	1.2	(2.2)	7.5	(10.5)	4.2	(7.5)	12.6	(18)
* March)		(1.1)		(5.2)		(3.3)		(8.5)
April)	3.9	(0.8)	24.6	(9.6)	9.9	(2.6)	34.5	(12.2)
May	0.7	(3.1)	1.4	(23.3)	0.9	(8)	2.5	(31.3)
June	1.9	(3.5)	6.9	(8.2)	2.9	(4.6)	9.8	(12.8)
July	3.9	(5.8)	1.1	(9.1)	9.1	(7.5)	13.5	(16.6)
August	0.4	(3.4)	6.7	(8.4)	1.1	(5.3)	7.9	(13.7)
* September)		(4.1)		(9.3)		(10.7)		(20)
October)	2.9	(3.1)	1.7	(12.4)	5.3	(12.4)	7.1	(23.7)
November	3.2	(3.7)	12.4	(4.3)	12.4	(10.6)	23.7	(14.9)
December	4.4	(5.2)	4.8	(21.7)	15.9	(8.1)	19.7	(29.8)

* Readings for two months.

1958 figures in brackets

Readings started in December, 1957.

ATMOSPHERIC POLLUTION - MONTHLY RECORD OF DEPOSITS

1959

Site of Station - I. D. Hospital, Sunnyside, Alloa.

MONTH	RAINFALL IN INCHES	TONS PER SQUARE MILE		
		INSOLUBLE DEPOSIT	SOLUBLE DEPOSIT	TOTAL SOLIDS
January	1.5	6.6	4.7	11.3
February	1.3	3.3	3.1	6.5
* March) April)	3.5	86.8	8.1	16.8
May	0.51	2.3	1.7	3.9
June	2.1	4.9	1.6	6.5
July	4.5	0.26	12.7	12.9
August	0.41	17.7	1.3	18.9
* September) October)	3.07	6.7	10.3	17.01
November	2.9	1.9	5.6	7.2
December	4.8	2.7	8.8	11.6

* Readings for two months

Readings started in January, 1959.

Clean Air Act 1956 (contd.)

Surveys of industrial premises continued and improvements were secured in two cases where smoke emission in contravention of the Act was occurring. One of these was referred to last year - in this case plant was converted to oil firing and in the other case a change to smokeless fuel had the desired effect.

Conclusion

Again my thanks are due to my staff for their loyalty and painstaking work. This was particularly in evidence in the year under review for the greater part of which shortage of technical assistance imposed an additional burden on the Department's staff. Although this was readily and cheerfully shouldered it had the inevitable effect of restricting the work in some important spheres.

I must also express my indebtedness to members and officials alike of the various Local Authorities in the County for their ready help and co-operation in 1959.

APPENDIX NO. 1

Causes of Death (Corrected for Transfer) during 1959.

	Cause of Death	All Ages Both Sexes	Males	Females	Age Under 4 weeks	4 weeks 1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85-
1.	Tuberculosis of respiratory system	3	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-
2.	Tuberculosis, other forms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	Syphilis and its sequelae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	Dysentery, all forms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Meningococcal infections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Acute poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Other infective and parasitic diseases	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
10.	Malignant neoplasms	72	37	35	-	-	-	-	-	-	-	3	12	23	18	10	6
11.	Benign and unspecified neoplasms	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
12.	Diabetes mellitus	6	2	4	-	-	-	-	-	-	-	-	-	1	4	1	-
13.	Anaemias	2	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
14.	Other general diseases	4	3	1	-	-	1	-	-	-	-	-	2	-	-	1	-
15.	Vascular lesions affecting central nervous system	68	35	33	-	-	-	-	-	-	-	2	4	10	17	25	10
16.	Non-meningococcal meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.	Other diseases of nervous system	8	3	5	-	-	-	-	-	-	-	-	-	2	4	2	-
18.	Rheumatic fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19.	Chronic rheumatic heart disease	5	1	4	-	-	-	-	-	1	-	-	2	1	-	1	-
20.	Arteriosclerotic and degenerative heart disease	114	55	59	-	-	-	-	-	-	-	-	5	20	33	41	15
21.	Other diseases of heart	3	1	2	-	-	-	-	-	-	-	-	-	1	-	2	-
22.	Hypertensive heart disease	8	3	5	-	-	-	-	-	-	-	-	-	1	3	4	-
23.	Other hypertensive disease	6	1	5	-	-	-	-	-	-	-	-	3	-	1	2	-
24.	Other circulatory disease	17	7	10	-	-	-	-	-	-	-	-	-	2	6	7	2
25.	Influenza	9	5	4	-	-	-	-	-	-	1	1	1	1	1	3	1
26.	Pneumonia (except of newborn)	20	12	8	-	3	1	-	-	-	-	-	1	2	5	5	3
27.	Bronchitis/																

Causes of Death (Corrected for Transfer) during 1959 (Contd.)

Cause of Death	All Ages Both Sexes	Males	Females	Under 4 weeks	4 weeks 1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85-
27. Bronchitis	19	16	3	-	-	-	-	-	-	-	1	3	3	6	4	2
28. Other respiratory diseases	5	5	-	-	-	-	-	-	-	-	-	-	2	2	-	1
29. Ulcer of stomach and duodenum	4	3	1	-	-	-	-	-	-	-	-	-	1	2	1	-
30. Appendicitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31. Intestinal obstruction and hernia	2	1	1	1	-	-	-	-	-	-	-	-	-	-	1	-
32. Gastritis and duodenitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33. Diarrhoea (except of newborn)	4	-	4	-	1	-	-	-	-	-	-	2	-	1	-	-
34. Cirrhosis of liver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35. Other diseases of liver	5	-	5	-	-	-	-	-	-	1	-	-	3	1	-	-
36. Other digestive diseases	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
37. Nephritis and nephrosis	6	2	4	-	1	-	-	-	1	-	-	1	1	-	-	2
38. Hyperplasia of prostate	3	3	-	-	-	-	-	-	-	-	-	-	-	2	1	-
39. Other diseases of genito-urinary system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40. Puerperal sepsis including abortion with sepsis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41. Other puerperal causes	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
42. Diseases of skin and organs of locomotion	3	1	2	-	-	-	-	-	-	-	-	-	2	1	-	-
43. Congenital malformations	4	4	-	1	1	1	-	-	-	-	-	1	-	-	-	-
44. Birth injuries, postnatal asphyxia and atelectasis	6	5	1	6	-	-	-	-	-	-	-	-	-	-	-	-
45. Pneumonia of newborn	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
46. Diarrhoea of newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47. Other infections of the newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48. Other diseases peculiar to early infancy and immaturity unqualified	8	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-
49. Senility without mention of psychosis	6	2	4	-	-	-	-	-	-	-	-	-	-	-	4	2
50. Ill-defined and unknown causes	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
51. Suicide and self-inflicted injury	6	4	2	-	-	-	-	-	-	1	2	2	-	-	1	-
52. Motor vehicle accidents	6	3	3	-	-	-	1	-	-	-	-	2	1	2	-	-
53. Other road vehicle accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54. Accidents in the home	7	3	4	-	2	-	-	-	-	-	-	1	-	-	1	3
55. Other violence	4	4	-	-	-	-	-	-	1	-	1	1	-	1	-	-
All Causes	449	231	218	17	9	3	1	-	3	4	10	43	81	110	121	47

APPENDIX NO. 2

CHILD WELFARE CLINICS

CLINIC	Number of Sessions	Children on Register aged at 1st attendance Under 1	Children on Register aged at 1st attendance Over 1	Total Attendances Under 1	Total Attendances Over 1	Doctor's Day	Consultations Under 1	Consultations Over 1
Alloa	48	239	63	1,337	493	43	623	172
Alva	49	82	53	1,046	269	20	192	50
Clackmannan	22	53	25	234	138	21	103	30
Coalsnaughton	22	31	23	136	112	20	97	34
Dollar	23	28	104	116	192	18	62	90
Fishcross	20	12	13	79	59	12	37	16
Menstrie	23	29	28	184	112	8	56	16
Sauchie	21	109	40	418	133	21	231	51
Tillicoultry	49	109	61	967	466	22	171	61
Tullibody (Abercromby)	21	56	47	254	107	10	125	19
Tullibody (St. Serf's)	24	73	43	354	175	23	202	65
TOTAL	322	821	500	5,125	2,256	218	1,899	604

APPENDIX NO. 3

DENTAL TREATMENT

MATERNITY AND CHILD WELFARE

INSPECTION

	Pre-school Children	M. & C.W. Cases	
		Expectant Mothers	Nursing Mothers
No. Examined	105	53	83
No. Not Requiring Treatment	-	-	-
No. Requiring Treatment	105	53	83
No. Accepting Treatment	105	53	83
No. Actually Treated	105	56	91

(3 Expectant Mothers and 8 Nursing brought forward from 1958).

AGE GROUPS	Pre-school Children
1 Year	-
2 Years	8
3 Years	26
4 Years	58
5 Years	13
	105

TREATMENT	M. & C.W. and Pre-school Cases	
No. of Appointments Made	790	211
No. of Appointments Kept	733	211
No. of Appointments Broken	57	-
No. of New Patients	136	105
No. of Former Patients (Visits)	597	106
No. of Fillings in Temporary Teeth	-	17
No. of Fillings in Permanent Teeth	73	-
No. of Extractions of Temporary Teeth	-	353
No. of Extractions of Permanent Teeth	1,053	-
No. of Dressings in Temporary Teeth	-	10
No. of Dressings in Permanent Teeth	8	-
No. of $AgNO_3$ Dressings in Temporary Teeth	-	14
No. of Dentures (Full)	119	-
No. of Dentures (Part)	22	-
No. of General Anaesthetics	56	59
No. of Scalings	21	1
No. of X-rays	20	76
No. of Other Operations	394	-

APPENDIX NO. 4

VISITATION BY HEALTH VISITORS DURING THE YEAR

	Number Visited	Total Visits
(a) Local Health Authority Services		
(i) Maternity and Child Welfare:-		
Expectant Mothers	610	1,717
Post-natal Mothers	-	-
Infants	1,689	10,669
Children (1 - 5 years)	2,762	14,207
(ii) Tuberculosis Scheme		
Skin Tests		106
Routine Visits		1,500
Total Visits		1,500
B.C.G. Visits		81
(iii) Other Visits:-		
Visits to cases of contacts of infectious disease		37
Visits to blind persons		-
Visits in connection with Home Help Scheme		12
Visits re child adoption		-
Visits to aged people		171
Visits to school children		91
Other Visits		35
(b) Other Services		
(i) Cases visited at request of general practitioner		2
(ii) Cases visited at request of hospital organisation		

	School Children	Pre-School Children
Tonsils and Adenoids	186	73
Other	81	49
(iii) Visits in connection with Orthopaedic Scheme	-	-
(iv) Visits in connection with Eye Clinic	26	3

VACCINATIONS AT AUTHORITY'S CLINICS

	Number of persons primarily vaccinated during period				Number of persons re-vaccinated during period			
Year of birth of persons	Typical Vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction	Typical vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction
1959	184	1	-	-	-	-	-	-
1958	81	-	-	-	-	-	-	-
1957	3	-	-	-	-	-	-	-
1956	6	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-
1953	-	-	-	-	1	-	-	-
1952	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-
1944 or earlier	1	1	-	-	1	-	-	-
TOTALS	275	2	-	-	2	-	-	-

VACCINATIONS BY GENERAL PRACTITIONERS.

Year of birth of persons	Number of persons primarily vaccinated during period				Number of persons re-vaccinated during period			
	Typical Vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) reaction 5th-7th day	Reaction Reaction greatest at 2nd-3rd day	No local reaction	Typical vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction
1959	145	-	-	9	-	-	-	-
1958	78	-	-	7	-	-	-	-
1957	10	-	-	-	1	-	1	-
1956	5	-	-	-	-	-	-	-
1955	2	-	-	-	-	-	1	-
1954	1	-	-	-	1	-	2	-
1953	2	-	-	-	1	-	-	-
1952	2	-	-	-	-	-	-	-
1951	1	-	-	-	1	-	-	-
1950	1	-	-	-	-	-	1	-
1949	-	-	-	-	-	1	-	-
1948	-	-	-	-	1	-	-	-
1947	1	-	-	-	1	1	-	-
1946	2	-	-	-	-	1	1	-
1945	-	-	-	-	1	1	1	-
1944 or earlier	6	-	-	-	19	14	32	3
TOTALS	256	-	-	16	26	18	39	3

Year of Birth	Number of children who completed a full course of immunisation during the year ended 31/12/59.		Number of maintenance inoculations given during the year ended 31/12/59.	
	At Authority's Clinics and schools	By General Practitioners	At Authority's Clinics and schools	By General Practitioners.
1959	146	60	-	-
1958	199	134	-	-
1957	18	18	-	-
1956	7	6	-	-
1955	1	2	2	-
1954	3	2	468	7
1953	51	1	84	1
1952	8	-	13	-
1951	1	1	-	-
1950	-	-	-	-
1949	-	-	-	-
1948	-	-	-	-
1947	-	-	-	-
1946	-	-	-	-
1945	-	-	-	-
1944 or earlier	-	-	-	-
TOTALS	434	224	567	8

APPENDIX No. 7

TUBERCULOSIS

PART 1 - RESPIRATORY TUBERCULOSIS

1. - RETURN OF CASES OF TUBERCULOSIS NOTIFIED DURING THE YEAR

	Age-groups									
	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Males	-	-	2	1	3	2	8	5	-	21
Females	-	-	2	4	4	3	3	-	-	16
Total	-	-	4	5	7	5	11	5	-	37

11. - RETURN OF CASES NOTIFIED DURING YEAR IN WHICH DIAGNOSIS OF TUBERCULOSIS HAS BEEN CONFIRMED

	Age-groups									
	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Males	-	-	2	1	3	2	7	4	-	19
Females	-	-	2	4	4	3	3	-	-	16
Total	-	-	4	5	7	5	10	4	-	35

111. - NUMBER OF NEW CASES IN TABLE 11 ADMITTED TO HOSPITAL FOR TUBERCULOSIS TREATMENT FOR THE FIRST TIME DURING THE YEAR

	Under 15 years	15 to under 45	45 and over	Total
Males	2	5	12	19
Females	1	7	-	8
Total	3	12	12	27

TUBERCULOSIS (Contd.)

IV. - NUMBER OF PATIENTS ADMITTED TO, DISCHARGED FROM OR DYING IN TUBERCULOSIS HOSPITALS, SANATORIA OR WARDS IN OTHER HOSPITALS RESERVED FOR THE TREATMENT OF THE TUBERCULOUS.

	In hospital on January 1	Admitted during the year	Discharged during the year	Died in hospital	In hospital on December 31
Male Under 15 years	-	2	2	-	-
Female	-	1	1	-	-
Male 15 - 45 years	6	9	12	-	3
Female	3	11	13	-	1
Male 45 years and over	8	22	21	*4	5
Female	2	-	2	-	-
Total	19	45	51	4	9

* 3 tuberculous deaths and 1 non-tuberculous death.

V. - NUMBER OF PATIENTS DYING FROM RESPIRATORY TUBERCULOSIS IN HOSPITAL ACCOMMODATION OTHER THAN THAT RESERVED FOR TUBERCULOUS PATIENTS.

NIL.

VI. - NUMBER ON WAITING LIST FOR ADMISSION TO HOSPITAL AT 31st DECEMBER

(Respiratory Tuberculosis)

(Relating only to patients waiting for more than two weeks)

Under 15	Males	-
	Females	-
Adults	Males	-
	Females	-
Total		-

PART 11 - NON-RESPIRATORY TUBERCULOSIS/

TUBERCULOSIS (Contd.)

PART 11 - NON- RESPIRATORY TUBERCULOSIS

V11. - RETURN OF CASES OF NON-PULMONARY TUBERCULOSIS NOTIFIED DURING THE YEAR

	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Males	-	-	-	1	-	-	-	-	-	1
Females	-	-	-	1	-	-	-	-	-	1
Total	-	-	-	2	-	-	-	-	-	2

V111. - NUMBER OF CASES NOTIFIED DURING YEAR AND CONFIRMED TO BE SUFFERING FROM ACTIVE NON-RESPIRATORY TUBERCULOSIS.

		-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
1. Abdominal	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	1	-	-	-	-	-	1
2. Meningeal	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
3. Miliary Tuberculosis	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
4. Bones and Joints	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
5. Superficial Glands	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
6. Genito-urinary Organs	Males	-	-	-	1	-	-	-	-	-	1
	Females	-	-	-	-	-	-	-	-	-	-
7. Other Organs	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	2	-	-	-	-	-	2

PART 111 - TUBERCULOSIS DEATHS/

TUBERCULOSIS (Contd.)

PART 111 - TUBERCULOSIS DEATHS

IX.	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Number of persons who died from tuberculosis of whom:-				
Not notified or notified only at or after death	-	-	-	-
Notified less than 1 month before death	-	-	-	-
Notified from 1 to 3 months before death	-	-	-	-
Notified from 3 to 6 months before death	-	-	-	-
Notified from 6 to 12 months before death	-	-	-	-
Notified from 1 to 2 years before death	-	-	-	-
Notified over 2 years before death	3	-	-	-
Total	3	-	-	-

PART 1V - THE TUBERCULOSIS REGISTER

X. - PERSONS RESIDENT IN AREA AT 31st DECEMBER, 1959, KNOWN TO BE SUFFERING FROM TUBERCULOSIS.

(Only cases in which a diagnosis of tuberculosis has been confirmed are included).

		-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Respiratory	Males	-	1	10	20	44	31	23	19	10	158
	Females	-	1	6	39	68	25	18	2	1	160
Non-Respiratory	Males	-	-	2	3	2	3	3	-	-	13
	Females	-	-	5	4	2	1	1	1	-	14

APPENDIX NO. 8

MASS RADIOGRAPHY - AGE AND SEX STATISTICS

RESIDENT IN SURVEY AREA

Age Groups

	-14	15-24	25-34	35-44	45-59	60+	N.S.	TOTAL
Males	336	1,726	1,486	1,597	1,784	628	-	7,557
Females	301	1,882	1,589	1,580	1,732	600	-	7,684

RESIDENT OUTWITH SURVEY AREA

Age Groups

	-14	15-24	25-34	35-44	45-59	60+	N.S.	TOTAL
Males	7	211	136	99	121	29	-	603
Females	8	502	86	57	50	3	-	706

Total Number X-rayed - 16,550

MASS MINIATURE RADIOGRAPHY FINDINGS BY AREAS

	Alloa	Alva	Cambus	Clackmannan	Coalsnaughton	Dollar	Fishcross	Menstrie	Sauchie	Tillicoultry	Tullibody	National Coal Board
Number examined	7,309	1,350	166	986	281	809	201	475	1,240	1,656	910	1,177
Number recalled	237	27	8	44	13	12	8	12	52	66	33	67
Pulmonary Abnormalities												
Active P.T.	4	-	-	-	1	-	-	-	3	3	4	-
? Active P.T.	24	2	-	4	-	1	-	-	3	4	-	-
Inactive P.T.	24	6	2	3	-	-	2	1	6	3	7	11
? Inactive P.T.	20	1	-	3	1	-	-	-	5	3	3	1
Tuberculous pleurisy	2	-	-	-	-	-	-	-	-	-	-	-
Pneumoconiosis with Tuberculosis	2	-	-	-	-	-	-	-	2	-	-	1
? Pneumoconiosis with Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-
Known P.T.	32	9	1	2	3	2	1	2	6	17	8	-
	108	18	3	12	5	3	3	3	25	30	22	13

APPENDIX NO. 9

INFECTIOUS DISEASES

Return of Cases of Infectious Diseases (Excluding Tuberculosis)

Notified during the year ended 31st December, 1959

DISEASE	Number of Cases coming to the knowledge of the Medical Officer of Health										
		At age - Years									
	At All Ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards	Removed to Hospital	Not removed to Hospital
	1	2	3	4	5	6	7	8	9	10	11
Dysentry	36	3	22	5	1	3	1	-	1	6	30
Erysipelas	5	-	-	-	-	-	3	2	-	4	1
Pneumonia, Acute Influenzal	18	-	-	-	1	-	-	6	11	8	10
Pneumonia, Acute Primary	68	13	10	2	5	2	2	13	21	64	4
Pneumonia (not otherwise notifiable)	2	-	-	-	-	-	-	1	1	2	-
Scarlet Fever	46	-	9	35	1	-	1	-	-	2	44
Whooping Cough	19	2	9	8	-	-	-	-	-	5	14
Total	194	18	50	50	8	5	7	22	34	91	103

APPENDIX NO. 10

Abstract of work done in 1959 under the Prevention of Damage by Pests Act 1949.

	Type of Property				
	Local Authority Properties	Dwelling Houses	Business or Industrial Premises	Agricultural Properties	Total
1. Number of properties inspected by the Local Authority during 1959.					
(a) as a result of notification.	3	130	12	6	151
(b) Otherwise	12	22	10	2	46
Total	15	152	22	8	197
2. Number of above properties found to be infested by rats or mice.	15	148	22	8	193
3. Number of above infested properties satisfactorily cleared					
(a) By the Local Authority	15	145	20	8	188
(b) Otherwise	-	-	2	-	2
Total	15	145	22	8	190

APPENDIX NO. 11

CLEANSING DEPARTMENT

Table showing weights of material collected each year since 1948.

Year	Average weight collected		Percentage increase	
	Tons per week	Tons per annum	Over previous year	Over 1948
1948	93	4,836	-	-
1949	102.6	5,335	10%	10%
1950	110.90	5,767	8%	19%
1951	124.75	6,487	12½%	34%
1952	135.30	7,036	8½%	45½%
1953	141.20	7,341	4%	52%
1954	141	7,332	-	52%
1955	149.30	7,763	6%	60½%
1956	156.3	8,127	5%	68%
1957	161.5	8,398	3%	73½%
1958	163.1	8,478	1%	75%
1959	164.3	8,543	-	77%

APPENDIX NO. 12

FACTORIES ACTS, 1937 to 1959

Prescribed Particulars on the Administration of the Factories Act, 1937

Part I of the Act

(a)
Landward Area of County of Clackmannan.

1. Inspections for purposes of provisions as to health.

Premises (1)	Number on Register (3)	Number of		
		Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities.	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	37	44	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out workers' premises)	3	5	-	-
Total	40	49	-	-

2. Cases in which DEFECTS were found
(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Landward Area of County of Clackmannan. (cont.)

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)	2	2	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-	-
Sanitary Conveniences (S.7.)	-	-	-	-	-
(a)Insufficient	-	-	-	-	-
(b)Unsuitable or defective	-	-	-	-	-
(c)Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	2	2	-	-	-

(b)

Burgh of Alloa.

1. Inspections for purposes of provisions as to health.

Premises (1)	Number on Register (3)	Number of		
		Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities.	5	8	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	111	89	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out workers' premises)	2	3	-	-
Total	118	100	-	-

2. Cases in which DEFECTS were found
(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Burgh of Alloa. (cont.)

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)	1	1	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-	-
Sanitary Conveniences (S.7.)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	1	1	-	-	-

(c)

Burgh of Alva.

1. Inspections for purposes of provisions as to health.

Premises (1)	Number on Register (3)	Number of		
		Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	1	2	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	31	24	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out workers' premises)	-	-	-	-
Total	32	26	-	-

2. Cases in which DEFECTS were found
(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Burgh of Alva. (cont.)

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)	-	-	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-	-
Sanitary Conveniences (S.7.)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	-	-	-	-	-

(d)

Burgh of Tillicoultry.

1. Inspections for purposes of provisions as to health.

Premises (1)	Number on Register (3)	Number of Inspections (4)	Number of Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	1	1	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	18	12	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (Excluding out workers' premises)	-	-	-	-
Total	19	13	-	-

2. Cases in which DEFECTS were found
(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Burgh of Tillicoultry. (cont.)

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)	-	-	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-	-
Sanitary Conveniences (S.7.)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	-	-	-	-	-

(e)

Burgh of Dollar.

1. Inspections for purposes of provisions as to health.

Premises (1)	Number on Register (3)	Number of		
		Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	1	1	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	9	5	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out workers' premises)	-	-	-	-
Total	10	6	-	-

2. Cases in which DEFECTS were found
(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Burgh of Dollar. (cont.)

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)	-	-	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-	-
Sanitary Conveniences (S.7.)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	-	-	-	-	-

REPORT

on the

School Health Services

For the year ending 31st. July, 1959.

SCHOOL HEALTH SERVICE.

11. General Statistics.

A. Number of Schools - 22

B. Number of children in average attendance :-

School	Average No. on Roll.	Average No. in Attendance	Percentage of Attendance
Abercromby School, Tullibody	505.6	463.7	91.7
Alloa Academy	769.8	727.1	94.4
Alva Academy	651.8	557.4	85.5
Banchory School, Tullibody	177.7	167.9	94.5
Clackmannan	349.6	323.3	92.6
Coalsnaughton	146.3	136.9	93.6
Dollar Public	164.7	149.66	90.86
Fishcross	127.6	117.07	91.7
Forebraes J.S. School	523.9	476.2	90.89
Forestmill	27.1	25.7	94.8
Grange J.S. School	302.	271.56	90.
Ludgate, Alloa	39.8	36.8	92.5
Menstrie	160.5	151.9	94.7
Occupational Centre	7.2	7.	97.2
Park, Alloa	361.8	337.5	93.3
St. John's, Alloa	176.1	164.75	93.6
St. Mungo's, Alloa	646.1	586.3	90.7
St. Serf's, Tullibody	389.	359.69	92.4
Sauchie	513.6	474.5	92.4
South, Alloa	196.9	182.2	92.5
Sunnyside, Alloa	567.26	532.68	93.9
Tillicoultry	682.6	641.	93.7
	7486.96	6890.81	92.

111. SANITARY CONDITIONS IN SCHOOLS and

IV. ORGANISATION AND ADMINISTRATION.

Fully described in a previous report.

V. THE FINDINGS OF SYSTEMATIC MEDICAL INSPECTION.

A. General Review.

Presence of Parents.

The number of parents present at the routine examinations was 876 for the 1,883 children examined or 46.52 per cent as compared with 43.32 per cent last year.

The following figures give the percentage of children accompanied by their parents in the different age-groups:-

	1959	1958
Age 5	81.98 per cent	78.31 per cent
Age 9	42.56 per cent	40.86 per cent
Age 13	5.74 per cent	4.77 per cent
Age 16	-	-

Average Heights and Weights.

The average heights and weights for all groups are satisfactory.

1 and 2. Clothing and Footgear.

Five children were noted to have defective clothing or footwear.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	5	-
% defective	0.26%	

3. Cleanliness.

Only four children were noted to be defective in this respect at Routine Inspection.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	4	-
% defective	0.21%	

	1st Term	2nd Term	3rd Term	Total
Number of examinations for cleanliness	20,014	15,582	15,644	51,240
Number of examinations where Nits were found	793	533	494	1,820
Number of examinations where Vermin were found	28	20	20	68
Number of re-examinations on account of uncleanliness	1,304	997	771	3,072
Number of treatments for uncleanliness	652	618	591	1,861
Number of Registered Letters sent	4	13	3	20
Number of Home Visits	85	25	89	199

4. Skin Conditions.

The number of skin conditions remained low.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	22	11
% defective	1.17%	

5. Nutritional State.

Forty-seven children were considered to be suffering from minor degrees of malnutrition compared with forty-two last year.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	47	11
% defective	2.50%	

6. Mouth and Teeth Unhealthy./

6. Mouth and Teeth Unhealthy.

Twenty-two children were noted with unhealthy mouths and teeth, compared with sixty-seven last year.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	22	-
% defective	1.17%	

7. Naso-pharyngeal Conditions.

One hundred and four were considered to have abnormal conditions of the naso-pharynx. Sixty of these suffered from enlarged and/or infected tonsils and adenoids. Twenty-three from nasal conditions (mostly Catarrh) and twenty-one from enlarged glands.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	104	14
% defective	5.52%	

8. Eyes.

(a) External Diseases

The number of children with external diseases of the eye was 31, same as last year.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	31	4
% defective	1.65%	

(b) Defective Vision

At routine inspection 33 children were referred for refraction.

	Routine Cases.	Special Cases
No. examined	1,178	
No. defective	108	19
% defective	9.17%	

In addition the visual acuity of the 7 year old group was tested during the summer term for the school population, and 18 out of 640 examined showed a visual acuity of 6/12 and worse, and were referred for refraction.

The screening of 5 year old children with the 'E Test' continued. Of the 705 children tested five were referred for refraction, four of which were prescribed with spectacles.

9. Ears.

(a) Diseases.

There were two cases of otorrhoea compared with one last year.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	3	3
% defective	0.16%	

(b) Defective Hearing./

(b) Defective Hearing.

	Routine Cases.	Special Cases
No. examined	1,883	
Grade 1 (Conversational voice heard at 20 ft. and over.)	54	-
Grade 11a (Can be educated in ordinary class if seated near the teacher.)	18	-
Grade 11b (Special School education required.)	-	-
Grade 111 (Special School education required.)	-	-

(c) The Early Ascertainment of Deafness:-

Routine age groups, 9's and 13 years were tested and those approaching school leaving age. In addition, experimentally, testing was extended to the 5 year old entrants to school. While it is difficult to be sure of exact results in testing children of this age, nevertheless some children were discovered with hearing defects, and it is thought worth while to continue with this for a further period. Three thousand two hundred and twenty-six were examined during the year.

The number of children with defective hearing are shown in the Table of Exceptional Children.

The Audiometer is regularly tested and overhauled at the Physics Laboratory of the Western Regional Hospital Board.

10. Speech.

Only one child was found to have a speech defect

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	1	-
% defective	0.05%	

11. Mental and Nervous Conditions.

Thirteen children were considered to be suffering from mental and nervous conditions. In many ways these are now the most difficult kinds of handicap to deal with satisfactorily. The work of the Child Guidance Clinic is referred to elsewhere in the report.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	13	3
% defective	0.69%	

12. Circulatory System.

Six children were found to have disease of the circulatory system.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	6	-
% defective	0.32%	

13. Lungs.

Children with lung diseases numbered eleven compared with 21 last year.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	11	1
% defective	0.58%	

14. Deformities.

The number of children with deformities numbered 12 same as last year.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	12	3
% defective	0.64%	

15. Infectious Diseases.

No case of infectious disease was found at Routine Inspection.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	-	-
% defective	-	

16. Other Diseases or Defects.

Six children were found to be suffering from other diseases or defects.

	Routine Cases.	Special Cases
No. examined	1,883	
No. defective	6	11
% defective	0.32%	

17. Conclusion.

Of the children examined 90.55 per cent were considered to be free from defects, compared with 89.95 per cent last year. Eighty-nine children were notified to the parents as requiring treatment, compared with 92 last year.

VI.

MEDICAL TREATMENT./

MEDICAL TREATMENT.

A. Minor Ailments.

Information is available of the number of children treated in Local Authority Clinics and as in-patients in hospital. No information is available about cases treated by General Practitioners or as hospital out-patients.

No. of cases treated:-

	No. treated in Local Authority Clinics	No. treated in Hospital (in-patient)
(1) Cuts, bruises, sprains and minor injuries, etc.,	3,379	31
(2) Diseases of the ear.	134	2
(3) Diseases of the eye, excluding defective vision.	171	4
(4) Diseases of the skin:-		
Ringworm (scalp)	1	-
X-ray treatment	-	-
Other treatment	-	-
Ringworm (body)	1	-
Scabies	3	-
Impetigo	46	-
Other diseases	551	7
	4,286	44

Total Attendances at Authority's Clinics - 6,261

B. Defective Vision and Squint.

	School	Pre-School
Number examined by Eye Specialist	1,491	201
Number requiring glasses in the following groups.	470	38

Age Groups	Systematics	Specials	Re-exams
Under 5	6	-	32
Entrants	5		
7 +	13	33	404
9 +	9		
13 +	6		
16 +	-		

No. of cases treated in Hospital:-

(1)	Defective Vision and Squint	12
(2)	Other Diseases of the Eye	3
(3)	Orthoptist treatment at Stirling Royal Infirmary	19

C./

C. Ear, Nose and Throat Operations:- 372

Of these, 340 were removal of tonsils and adenoids, and 32 were other operations.

D. Orthopaedic and Postural Defects.

All cases with orthopaedic or postural defects were referred to the Orthopaedic Specialist, who holds a clinic in the Health Department each month for school and pre-school children.

Out-patient treatment was carried out at school orthopaedic and posture Clinics by the Physiotherapist under the guidance of the Orthopaedic Specialist. Minor corrective splinting and plaster work was also carried out.

	School	Pre-School
Number of children examined by Specialist	87	67
Number of attendances	150	101
Number of children treated in Hospital or attending other clinics.	10	4
Massage Clinic		
Number of children treated	629	179
Number of attendances	1,590	376
Ultra Violet Light Clinic		
Number of children treated	145	88
Number of attendances	383	233

ORTHOPAEDIC CASES IN AGE-GROUPS. (CLINIC CASES)

DIAGNOSIS	Under 5 yrs.	5-10 yrs.	10-15 yrs.	15 + yrs.
Arthrogryphosis	-	1	-	-
Poliomyelitis	1	3	4	-
Spastic	1	-	-	1
Talipes	-	1	-	-
Perthes Disease	1	1	-	-
Congenital Deformities	7	3	3	-
T.B. Spine	1	1	-	1
Osteochondritis	-	1	2	-
Synovitis	-	1	-	-
Hallux Valgus	-	2	1	-
Calcaneo Valgus	-	-	-	-
Delayed walking	1	-	-	-
Foot strain	-	2	5	-
Bow legs	2	-	-	-
Flat feet	1	3	1	-
Knock knees	13	3	-	-
Muscular Dystrophy	-	-	1	-
Others	39	22	24	-
	67	44	41	2

Vll. Dental Report./

V11. DENTAL REPORT.

Of the 3,926 school children inspected during the year, 70.7% were found to require treatment - a decrease of about 4% from the previous year. Fifteen schools were inspected and treated as against thirteen in 1958.

The advantage of having an additional Dental Officer is apparent and it is unfortunate that the staff has been depleted by one Dental Officer since February of this year. The improvement shown over the past five years cannot be maintained unless the service obtains a third Dental Officer.

To date, no applications have been received for the advertised post.

The number of partial dentures inserted was reduced this year by 21, although in one case, it was found necessary to fit a complete denture.

The rate of acceptance of treatment (71.9%), again shows an increase over the previous year (62.7%).

Details of treatment are given in the tables following.

Thanks are due to Headmasters, Teachers and Health Visitors for their continued co-operation.

SUMMARY OF DENTAL INSPECTION AND TREATMENT./

SUMMARY OF DENTAL INSPECTION AND TREATMENT.

1. No. of children inspected by the Dental Officer:-

Age.	Systematic Examinations.	Special and Emergency Cases	Total
4	6	-	6
5	366	76	442
6	462	78	540
7	520	56	576
8	605	79	684
9	534	72	606
10	525	73	598
11	522	74	596
12	313	76	389
13	65	44	109
14	5	49	54
15	3	18	21
15+	-	10	10
	3,926	705	4,631

		Systematic Examinations.	Special and Emergency Cases
2.	a. No. requiring treatment.	2,777	684
	b. No. accepting treatment.	1,997	684
3.	No. actually treated.	1,583	683
4.	No. of attendances	5,761	715
5.	Fillings.		
	a. Permanent teeth.	3,017	40
	b. Temporary teeth.	109	7
6.	Extractions.		
	a. Permanent teeth.	1,091	134
	b. Temporary teeth.	1,912	258
7.	No. of General Anaesthetics	573	3
8.	Other Operations.		
	a. Permanent teeth.	1,689	290
	b. Temporary teeth.	305	45
9.	Half days devoted to inspection.	28	-
	" " " " treatment.	1,178	-
10.	No. of children treated privately.	240	-

11. ORTHODONTICS.

No. of children given treatment.	81
" " cases continued from previous year.	18
" " New cases.	63
" " Completed cases.	58
" " Cases continued at end of year.	23
" " Attendances.	413

TREATMENT.

Impressions.	131
Appliances.	49
Extractions Perm.	143
" Deciduous.	6
X-ray.	26

VII. DETAILS OF DENTAL INSPECTION AND TREATMENT.

Analysis of Inspection.

	ROUTINE INSPECTION.					SPECIAL and EMERGENCY CASES.		
Age.	No. Exam.	No. Req.	%	No. Accept	%	No. Req.	No. Accept.	%
4	6	4	66.70	4	100	-	-	-
5	366	258	70.50	200	77.50	76	76	100
6	462	310	67.10	243	78.38	76	76	100
7	520	366	70.40	266	72.67	53	53	100
8	605	428	70.74	313	73.13	77	77	100
9	534	375	70.22	238	86.54	72	72	100
10	525	378	72.00	265	70.10	70	70	100
11	522	387	74.13	265	68.47	71	71	100
12	313	223	71.24	163	73.10	71	71	100
13	65	45	69.23	37	82.22	43	43	100
14	5	2	40.00	2	100	47	47	100
15	3	1	33.30	1	100	18	18	100
16	-	-	-	-	-	5	5	100
17	-	-	-	-	-	1	1	100
18	-	-	-	-	-	4	4	100
	3,926	2,777	70.70	1,997	71.90	684	684	100

Analysis of Treatment.

Nature of Work Done.	Routine.	Special and Emergency.	Total.
Visits to School (No. of sessions)	28	-	28
Attendances at Surgery	1,178	-	1,178
Children Inspected at School	3,926	-	3,926
Children Inspected at Clinic	-	-	-
No. of Casuals Inspected	-	705	705
No. of Casuals Treated	-	683	683
No. of Appointments made	6,546	716	7,262
No. of Appointments broken	785	1	786
1st. Visits	1,643	683	2,326
2nd. or Subsequent Visits.	4,118	32	4,150
Completed Treatments	1,796	336	2,132
TREATMENT			
No. of fillings - Permanent Teeth	3,017	40	3,057
" " " - Temporary Teeth	109	7	116
No. of teeth filled - Permanent	2,815	37	2,852
" " " " - Temporary	105	7	112
No. of Root Fillings.	9	-	9
No. of Dressings.			
Permanent Teeth	293	43	336
Temporary Teeth	16	3	19
No. of Extractions:-			
Permanent Teeth (for caries)	1,091	134	1,225
" " (for Orthodontics)	134	9	143
Temporary Teeth	1,912	258	2,170
Anaesthetics:-			
Local	1,133	340	1,473
General	573	3	576
No. of Crowns	3	-	3
No. of Dentures:-			
Partial	36	-	36
" (repairs)	7	-	7
Full	1	-	1
No. of Scalings and Gum Treatments	73	19	92
No. of Silver Nitrate Applications:-			
Permanent	52	1	53
Temporary	186	21	207
Orthodontics:-			
Impressions	131	-	131
Appliance Inserted	49	-	49
Cases Completed	58	-	58
No. of X-rays	66	14	80
Other Operations:-			
Permanent	1,156	213	1,369
Temporary	77	21	98

VIII. Special Schools and Classes.

There is a Special School at Ludgate, Alloa, for mentally retarded children. During the year, 39 pupils were in attendance.

An Occupational Centre was opened at Sauchie Drill Hall in December, 1958. To begin with the numbers admitted were limited to seven.

IX. Arrangements for Physical Education and Personal Hygiene.

As in previous years, children were in residence at Dounan's Camp, Aberfoyle, for the month of March. These were children from Tillicoultry School and Dollar Public School. In addition, children from St. Serf's School, Tullibody and Menstrie School, attended Broomlee Camp, West Linton, in May.

Provision of Mid-day Meals.

The provision of two course dinners from the Central Kitchen at Tillicoultry and the Kitchens at St. Serf's School, Tullibody and Forebraes J.S. School, Alloa to all schools in the County continued throughout the year, at a charge of 1/- per day.

The number of pupils taking meals fluctuated between 1,027 and 1,293.

Dining Halls.

Dining rooms are in use at the undernoted schools:-

Alloa, Sunnyside
Alloa, St. Mungo's R.C.
Alva Academy
Clackmannan
Dollar Public
Coalsnaughton
Sauchie
Alloa, Park
Abercromby, Tullibody

Milk in Schools Scheme.

This scheme which provides for the issue of free milk to school pupils operated during the whole session. One third of a pint of milk is provided daily for each child participating and the numbers varied during the session from 6,218 to 6,587.

All schools in the County take part in the scheme.

Supply of Footwear, Clothing etc.,

During the year 37 children were supplied with footwear and/or clothing by the Education Committee.

INSPECTION CLINICS

Conditions	No. of Cases Excluded from school	No. of Cases not Excluded from school	Total
Impetigo	-	-	-
Scabies	-	-	-
Favus and Ringworm	2	-	2
Other Skin Affections	-	-	-
Verminous Cases	-	-	-
Infectious Diseases	-	-	-
Affections of the Throat	-	1	1
" " " Glands	-	-	-
" " " Eyes (Conjunctivitis	-	-	-
" " " Eyes (Blepharitis	-	-	-
Otorrhoea	-	-	-
Affections of Heart and Anaemia	-	-	-
" " Lungs (Bronchitis	-	-	-
" " Lungs (Tuberculosis	-	-	-
" " Lungs (Suspected T.B.	-	-	-
" " Lungs (Others	-	-	-
" " Nervous System (Chorea	-	-	-
" " Nervous System (Epilepsy	-	-	-
" " Non-Pulmonary T.B. (Skin	-	-	-
" " Non-Pulmonary T.B. (Glands	-	-	-
" " Non-Pulmonary T.B. (Bones	-	-	-
Other Conditions	-	1	1
	2	2	4
Re-examinations	-	-	-
	2	2	4

Table 1. TOTAL NUMBER OF CHILDREN EXAMINED

	Systematic Examinations.		Other Systematic Examinations.
(a) Entrants (aged about 5)			
Boys	350		25
Girls	355		29
Born in year 1949 (Aged nine +)			
Boys	311		19
Girls	321		20
Born in year 1945 (Aged thirteen +)			
Boys	250		13
Girls	255		16
Born in year 1942 (Aged sixteen +)			
Boys	26		4
Girls	15		2
	1,883	2,011	128
(b) Cases specially presented		100	
Re-examinations		3,180	
		5,291	

The total number examined last year was 5,434

The above figures do not include classes of children examined for infectious or contagious diseases.

NUMBER OF INDIVIDUAL CHILDREN INSPECTED AT SYSTEMATIC EXAMINATIONS WHO WERE NOTIFIED TO PARENTS AS REQUIRING TREATMENT (EXCLUDING UNCLEANLINESS AND DENTAL CARIES).

Entrants	30
Second Age Group	38
Third Age Group	17
Secondary Age Group	1
Other Systematic Examinations	3
	89

STATISTICS OF CONDITIONS FOUND AT SYSTEMATIC MEDICAL INSPECTIONS

Number and percentage of children affected in each age-group.

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
1. Clothing:- Unsatisfactory		1	1	1	-	-	-	-	-	2	1
		0.28	0.28	0.32	-	-	-	-	-	0.21	0.10
	%	(0.28)		(0.16)		-		-		(0.16)	
2. FOOTGEAR:- Unsatisfactory		1	1	-	-	-	-	-	-	1	1
		0.28	0.28	-	-	-	-	-	-	0.11	0.10
	%	(0.28)		-		-		-		(0.11)	
3. CLEANLINESS OF (a) Head:- Dirty, Nits or Vermin		-	2	1	-	-	-	-	-	1	2
		-	0.56	0.32	-	-	-	-	-	0.11	0.21
(b) Body:- Dirty		1	-	-	-	-	-	-	-	1	-
		0.28	-	-	-	-	-	-	-	0.11	-
Verminous		-	-	-	-	-	-	-	-	-	-
Totals		1	2	1	-	-	-	-	-	2	2
	%	(0.42)		(0.16)		-		-		(0.21)	

CONDITIONS OF SKIN/

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
4. CONDITIONS OF SKIN:-											
(a) Head:-											
Ringworm		-	-	-	-	-	-	-	-	-	-
Impetigo		1	2	1	-	-	-	-	-	2	2
		0.28	0.56	0.32	-	-	-	-	-	0.21	0.21
Other Diseases		-	-	-	-	-	1	-	-	-	1
		-	-	-	-	-	0.39	-	-	-	0.10
(b) Body:-											
Ringworm		-	-	-	-	-	-	-	-	-	-
Impetigo		-	-	-	1	-	-	-	-	-	1
		-	-	-	0.31	-	-	-	-	-	0.10
Scabies		-	1	-	1	-	-	-	-	-	2
		-	0.28	-	0.31	-	-	-	-	-	0.21
Other Diseases		2	4	2	2	1	3	-	-	5	9
		0.57	1.13	0.64	0.62	0.40	1.18	-	-	0.53	0.95
Totals		3	7	3	4	1	4	-	-	7	15
%		(1.42)		(1.11)		(0.99)		-		(1.17)	
5. NUTRITIONAL STATE:-											
Slightly Defective		5	5	6	10	11	1	1	-	23	16
		1.43	1.41	1.93	3.11	4.40	0.39	3.85	-	2.45	1.69
Bad		-	1	2	3	1	1	-	-	3	5
		-	0.28	0.64	0.93	0.40	0.39	-	-	0.32	0.53
Totals		5	6	8	13	12	2	1	-	26	21
%		(1.56)		(3.32)		(2.77)		(2.44)		(2.50)	

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
6. MOUTH AND TEETH UNHEALTHY:-		10	6	2	2	2	-	-	-	14	8
		2.86	1.69	0.64	0.62	0.80	-	-	-	1.49	0.84
	%	(2.27)		(0.63)		(0.40)		-		(1.17)	
7. NASO-PHARYNX:-											
(a) Nose:-											
Obstruction (for observation)		7	6	-	1	-	-	-	-	7	7
		2.00	1.69	-	0.31	-	-	-	-	0.75	0.74
Obstruction (probably adenoids for operation)		2	2	-	1	-	-	-	-	2	3
		0.57	0.56	-	0.31	-	-	-	-	0.21	0.32
Other conditions		1	-	1	-	1	1	-	-	3	1
		0.28	-	0.32	-	0.40	0.39	-	-	0.32	0.10
(b) Throat:-											
Tonsils requiring observation		12	24	6	4	-	-	-	-	18	28
		3.43	6.76	1.93	1.25	-	-	-	-	1.92	2.96
Tonsils requiring operation		5	6	1	2	-	-	-	-	6	8
		1.43	1.69	0.32	0.62	-	-	-	-	0.64	0.84
Other conditions		-	-	-	-	-	-	-	-	-	-
(c) Glands:-											
Requiring observation		8	11	2	-	-	-	-	-	10	11
		2.28	3.10	0.64	-	-	-	-	-	1.07	1.16
Requiring operation		-	-	-	-	-	-	-	-	-	-
Totals		35	49	10	8	1	1	-	-	46	58
	%	(11.91)		(2.85)		(0.40)		-		(5.52)	

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
8. EYES:-											
(a) External Diseases:-											
Blepharitis		1	1	1	1	-	1	-	-	2	3
		0.28	0.28	0.32	0.31	-	0.39	-	-	0.21	0.32
Conjunctivitis		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
Corneal Opacities		-	-	-	-	-	-	-	-	-	-
Strabismus		11	8	1	1	1	1	-	-	13	10
		3.14	2.25	0.32	0.31	0.40	0.39	-	-	1.39	1.06
Other Diseases		2	-	-	1	-	-	-	-	2	1
		0.57	-	-	0.31	-	-	-	-	0.21	0.10
Totals		14	9	2	3	1	2	-	-	17	14
	%	(3.26)		(0.79)		(0.59)		-		(1.65)	
(b) Defective Vision:-											
Total Number subjected to routine vision testing.		-	-	311	321	250	255	26	15	587	591
Fair Vision, 6/9 or 6/12 in better eye with or without spectacles.		-	-	22	30	20	22	-	4	42	56
		-	-	7.07	9.34	8.00	8.63	-	26.67	7.15	9.47
Bad Vision, 6/18 or worse in better eye with or without spectacles.		-	-	3	1	3	3	-	-	6	4
		-	-	0.96	0.31	1.20	1.18	-	-	1.02	0.68
Totals		-	-	25	31	23	25	-	4	48	60
	%	-		(8.86)		(9.50)		(9.76)		(9.17)	

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
Recommended for refraction		4 1.14	1 0.28	10 3.21	4 1.25	9 3.60	4 1.57	- -	1 6.67	23 2.45	10 1.06
	%	(0.71)		(2.21)		(2.57)		(2.44)		(1.75)	
No. wearing spectacles		7 2.00	9 2.56	36 11.57	32 9.97	34 13.60	49 19.21	3 11.54	4 26.67	80 8.54	94 9.94
	%	(2.27)		(10.76)		(16.43)		(17.07)		(9.24)	
9. EARS:-											
(a) Diseases:-											
Otorrhoea		1 0.28	1 0.28	- -	- -	- -	- -	- -	- -	1 0.11	1 0.10
Other Diseases		- -	1 0.28	- -	- -	- -	- -	- -	- -	- -	1 0.10
Totals		1	2	-	-	-	-	-	-	1	2
	%	(0.42)		-		-		-		(0.16)	

(b) Defective Hearing:-

Grade 1. /

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
(b) Defective Hearing:-											
Grade 1		1 0.28	1 0.28	19 6.11	12 3.74	8 3.20	13 5.10	- -	- -	28 2.99	26 2.74
Grade 11a		1 0.28	- -	1 0.32	3 0.93	6 2.40	7 2.74	- -	- -	8 0.85	10 1.06
Grade 11b		-	-	-	-	-	-	-	-	-	-
Grade 111		-	-	-	-	-	-	-	-	-	-
Totals		2	1	20	15	14	20	-	-	36	36
%		(0.42)		(5.54)		(6.73)		-		(3.82)	
10. SPEECH:-											
Defective Articulation		1 0.28	- -	- -	- -	- -	- -	- -	- -	1 0.11	- -
Stammering		- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Totals		1	-	-	-	-	-	-	-	1	-
%		(0.14)		-		-		-		(0.05)	

11. MENTAL AND NERVOUS CONDITION:- /

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
11. MENTAL AND NERVOUS CONDITION:-											
(a) Backward (due to irregular attendance, absence or other extrinsic cause)		1	-	-	-	-	-	-	-	1	-
		0.28	-	-	-	-	-	-	-	0.11	-
(b) Dull (intrinsically)		-	-	-	-	1	-	-	-	1	-
		-	-	-	-	0.40	-	-	-	0.11	-
(c) Mentally Defective (educable)		-	-	1	2	-	2	-	-	1	4
		-	-	0.32	0.62	-	0.78	-	-	0.11	0.42
(d) Mentally Defective (ineducable)		-	1	-	-	-	-	-	-	-	1
		-	0.28	-	-	-	-	-	-	-	0.10
(e) Highly nervous or unstable		2	1	1	1	-	-	-	-	3	2
		0.57	0.28	0.32	0.31	-	-	-	-	0.32	0.21
(f) Difficult in behaviour		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
Totals		3	2	2	3	1	2	-	-	6	7
	%	(0.71)		(0.79)		(0.59)		-		(0.69)	

12. CIRCULATORY SYSTEM:-

(a) Organic Heart Diseases:-
(1) Congenital. /

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
12. CIRCULATORY SYSTEM:-											
(a) Organic Heart Diseases:-											
(1) Congenital		3	1	-	-	1	-	-	-	4	1
		0.86	0.28	-	-	0.40	-	-	-	0.43	0.10
(2) Acquired		-	-	1	-	-	-	-	-	1	-
		-	-	0.32	-	-	-	-	-	0.11	-
(b) Functional Conditions		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
(c) Anaemia		-	-	-	-	-	-	-	-	-	-
	Totals	3	1	1	-	1	-	-	-	5	1
	%	(0.57)		(0.16)		(0.20)		-		(0.32)	
13. LUNGS:-											
Chronic Bronchitis		6	1	-	-	-	-	-	-	6	1
		1.71	0.28	-	-	-	-	-	-	0.64	0.10
Suspected Tuberculosis		-	-	-	-	-	-	-	-	-	-
Other Diseases		3	-	1	-	-	-	-	-	4	-
		0.86	-	0.32	-	-	-	-	-	0.43	-
	Totals	9	1	1	-	-	-	-	-	10	1
	%	(1.42)		(0.16)		-		-		(0.58)	

14. DEFORMITIES:-
(a) Congenital /

Nature of Defect	Total examined at all ages	Entrants Boys	Entrants Girls	Second Age-group Boys	Second Age-group Girls	Third Age-group Boys	Third Age-group Girls	Fourth Age-group Boys	Fourth Age-group Girls	All Ages Boys	All Ages Girls
	1,883	350	355	311	321	250	255	26	15	937	946
14. DEFORMITIES:-											
(a) Congenital		1	1	-	-	-	-	-	-	1	1
		0.28	0.28	-	-	-	-	-	-	0.11	0.10
(b) Acquired (Infantile Paralysis)		1	-	1	-	-	-	-	-	2	-
		0.28	-	0.32	-	-	-	-	-	0.21	-
(c) Acquired (Probable Rickets)		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
(d) Acquired (Other Causes)		3	2	1	2	-	-	-	-	4	4
		0.86	0.56	0.32	0.62	-	-	-	-	0.43	0.42
Totals		5	3	2	2	-	-	-	-	7	5
%		(1.13)		(0.63)		-		-		(0.64)	
15. INFECTIOUS DISEASES.		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-
16. OTHER DISEASES OR DEFECTS.		3	1	2	-	-	-	-	-	5	1
		0.86	0.28	0.64	-	-	-	-	-	0.53	0.10
%		(0.57)		(0.32)		-		-		(0.32)	

Classification.	Entrants		Second Age-group		Third Age-group		Fourth Age-group		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
1. Children free from defects	622	88.23	571	90.35	472	93.46	40	97.56	1,705	90.55
11. Children (otherwise free from defects who suffer from):-										
(a) Defective Vision not worse than 6/12 in the better eye with or without glasses; or	12	1.70	18	2.85	14	2.77	1	2.44	45	2.39
(b) Conditions of the mouth and teeth requiring treatment; or	12	1.70	2	0.32	1	0.20	-	-	15	0.80
(c) Both (a) and (b)	-	-	-	-	-	-	-	-	-	-
Total	24	3.40	20	3.17	15	2.97	1	2.44	60	3.19
111. Children suffering from ailments (other than those mentioned in 11) from which complete recovery is anticipated within a few weeks.	30	4.25	8	1.26	6	1.19	-	-	44	2.34
1V. Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in 11 or 111 distinguishing cases:-										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible.	29	4.11	30	4.75	9	1.78	-	-	68	3.61
(b) Where improvement only is considered possible e.g. without complete restoration of function.	-	-	3	0.47	3	0.59	-	-	6	0.32
Total	29	4.11	33	5.22	12	2.37	-	-	74	3.93
Total number of children examined	705	100%	632	100%	505	100%	41	100%	1,883	100%

TABLE IV.

Return of ALL EXCEPTIONAL CHILDREN of School Age in the Area.

DISABILITY.	At Ordinary Schools	At Special Schools or Classes	At no Schools or Institutions	At Hospital or Other Institutions	Total
Blind	1	-	-	6	7
Partially Sighted:-					
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye.	-	-	-	-	-
(b) Other conditions of the eye, e.g. cataract, ulceration etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school.	-	-	-	-	-
Deaf:-					
Grade 1	166	-	-	-	166
Grade 11a	66	-	-	-	66
Grade 11b	-	-	-	-	-
Grade 111	-	2	-	6	8
Defective Speech:-					
(a) Defects of articulation requiring special education measures.	3	-	-	-	3
(b) Stammering requiring special educational measures.	-	-	-	-	-
Mentally Defective (children between 5 and 16 years):-					
(a) Educable (I.Q. approx. 50-70)	-	35	-	-	35
(b) Ineducable (I.Q. generally less than 50)	-	7	6	9	22
(c) Maladjusted	-	-	-	3	3
Epilepsy:-					
(a) Mild and Occasional	10	-	-	-	10
(b) Severe (suitable for care in a residential school).	-	-	-	1	1
Physically Defective:- (children between 5 and 16 years)					
(a) Non-pulmonary tuberculosis (excluding cervical glands.)	4	-	-	-	4
(b) General Orthopaedic conditions.	26	-	1	3	30
(c) /					

DISABILITY	At Ordinary Schools	At Special Schools or Classes	At no Schools or Institutions	At Hospital or Other Institutions	Total
(c) Organic heart disease	17	-	1	-	18
(d) Other causes of ill-health	35	-	2	-	37
Multiple defects:-					
1	-	1	-	-	1
11	-	-	-	-	-
111	-	-	-	-	-
1V	-	-	-	-	-
V	-	1	-	-	1
V1	-	1	-	-	1
V11	-	-	-	-	-
V111	-	-	-	-	-
1X	-	2	-	-	2
X	-	-	-	-	-
X1	-	2	2	-	4

AVERAGE HEIGHTS AND WEIGHTS.

	Age Group			
	5	9	13	16
Boys				
Average Age in Years	5 2/12	9 7/12	13 7/12	16 8/12
Number examined	350	311	250	26
Height in Inches	42.4	52.1	60.5	66.4
Weight in lbs.	42.3	65.5	99.4	131.6
Girls				
Average Age in Years	5 2/12	9 7/12	13 7/12	16 8/12
Number examined	355	321	255	15
Height in Inches	42.0	51.9	60.5	62.9
Weight in lbs.	40.7	64.8	103.3	120.5

Attendances of Parents at School Medical Inspections.

Age	5	82.0%
Age	9	42.6%
Age	13	5.7%
Age	16	-